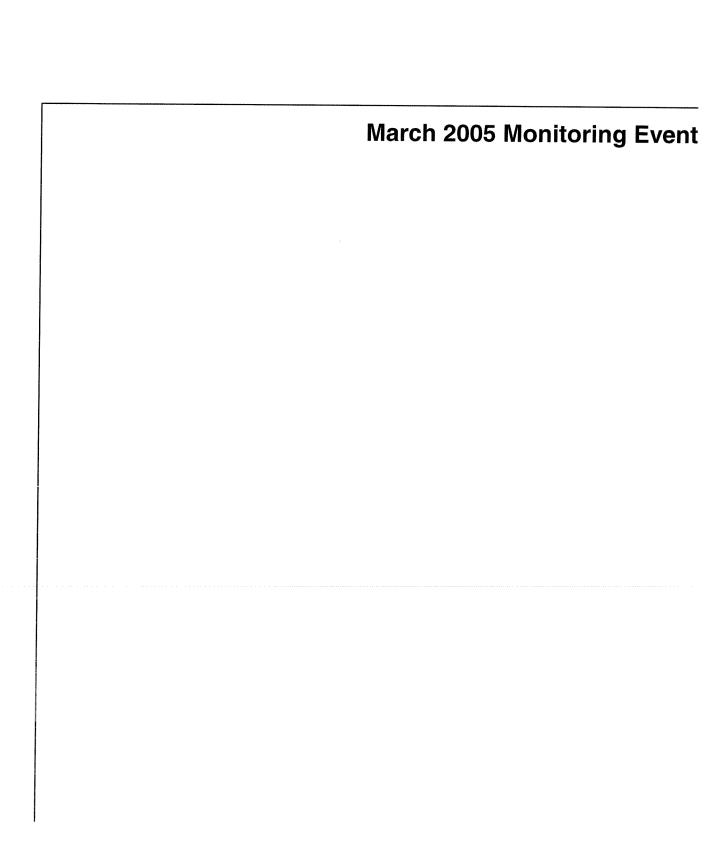
### Λ J:

Field Groundwater Purge and Sample Forms	
	>



Groundwater	Purge	and S	ampl	le Form		Date	: <u>31</u>	8/05	Ken	nedy/Jei	nks (	Consultant
PROJECT NAME: _									1-8 8ch,			
STATIC WATER LE	VEL (FT)	: 2	8,	47		MEAS	URING	POINT	DESCRIPTION	)и: <u>†</u>	2 C	
WATER LEVEL MEA	SUREMENT	METHOD	: <u>50</u> (	mist a	). <u>[</u>	probepuro	E METH	10D:	auter			
TIME START PURG	E:	140		manifest (and an annual and an annual an		PURG	E DEPT	TH (FT)	~ 30 m	<u>f</u> t	***************************************	
TIME END PURGE:	12	30			:					·	<del>CMANIN</del> AMODIACOM	1920 de 2010 Constante de 1920
TIME SAMPLED: _	114	<u>'O</u>			######################################	17000E-2710000						
COMMENTS:	The state of the s		ingga peranta barang	THAT COMMON CONTRACTOR	onenazon.			mana ana ana ana ana ana ana ana ana ana				
		Status and party and an annual and	V-11/2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-									
	T							<b>T</b>				
WELL VOLUME CALCULATION (FILL IN BEFORE	TOTAL D			DEPTH TO ATER (FT)		WATER COLUMN (F	- 1	1	ULTIPLIER NG DIAMETE 4			3x0.93≈ ASING VOLUMB (GAL)
PURGING)	34.3	30		28.47		5.83	X	0.16	0.64	1.44		0.93
TIME		114	7	1219								
VOLUME PURGED (	GAL)			Samuel Sa	-	S C C C C C C C C C C C C C C C C C C C		i supervir universimo			***************************************	-
PURGE RATE (GPM)					-			***************************************			MANAGE NO.	
TEMPERATURE (°C)		13.	24	13.2			·					
рН		6.		7.54			***************************************				<del>Medika eskolución</del>	
SPECIFIC CONDUCTIVITY (mt	cromhos) cm	-17	3	434					enter in Salvent (von der Servent (von der Seine		NAME OF THE PERSON OF THE PERS	
DISSOLVED OXYGEN	l (mg/L)	8.4	-13	7.50								
eH(MV)Pt-AgC1 re	f.	200	ø, O	154.3		-	Chicago Chairman		Committee the contract of the			
TURBIDITY/COLOR		Clear		Lt brown			edeleti den den grana per en estado estado	***************************************				-
ODOR				None	200				Committee in the standard of t			
DEPTH OF PURGE INTAKE (FT)												
DEPTH TO WATER D PURGE (FT)	URING			~30							CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	etinecis tota municipii gaaliigastotaa maasa Luuraa
NUMBER OF CASING VOLUMES REMOVED				3							BARConfellorate treatment	487 Christian Constructive Cons
DEWATERED?				no								

Ground	water P	urge a	nd Sar	nple Fo	)rm	Date:	3/8	<u>/05</u> Ker	nedy/Je	nks Consultants
	NAME: I				<u>)Y)                                   </u>			: <u>L-8</u>		
PROJECT	NUMBER: _(	<u> 2596</u>	021.	6		PERS	ONNEL:	Sch.		
SAMPLE D	ATA:  AMPLED: _	1140	)	erveren er er kild til en sockellen kan er skal	C	OMMENTS:			yan masa kan kan kan kan kan kan kan kan kan ka	
DEPTH	SAMPLED (	FT):	308	<u> </u>		***				DCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
					ump w	/ perista	<u>Lic</u>			
SAMPLE NO.	NO. OF CONTAIN- ERS	CON- TAINER TYPE	PRESER- VATIVE	FIELD FILTRA- TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS- TODY AT 4°C?		COMMENTS
	2	Ambu Vo A	Lecen	N N	2-L 3-40ML	mod mod	L+ Wown	415	EPH SON	
		500 pely			500 m L		U	V	Ditrote, Ammon	limite <b>3</b> 53, 2 10- 350 , 3
	1		Unpre HVOZ		500ML ROOML	mod mod	prow LA	45		300.0
				7			610ur	45		
	Hach			4			,	in field		5-0.0023/L
TOTAL DISPOS	TER DISPOS DISCHARGE AL METHOD ESIGNATION	(GAL): : <i>[</i>	drum	···	cc	DMMENTS:				
WELL HEA	D CONDITIO	ONS CHEC	KLIST (C	IRCLE YE	S OR NO -	IF NO, ADI	COMME	ENTS):		
	URITY DEVI				STY LID, CA	ASING LID A	AND LOC	CK)?: YES	NO	
WELL CAS	ING OK?:	YES	NO							
COMMENTS	*									
	R CONDITION	7	orth	<u>clo</u> -50°	orly/	verg	W	ndez		
PROBLEM -FOY -HU		TERED DU There of	WA		SAMPLING? 10 Airai 12		lic b	did not u acter; tail	rork; &	railed first asing volumes
cc: Proj Job Othe	File:	jer:				gas Na				**

Ground	water I	Purge (	and Sai	mple F	orm	Date	: 311	<u>//○5</u> Ke	nnedy/J	enks Consultant
PROJECT	NAME:	BNSI	F - 1	Avins	ston	WELL	. NUMBE	r: <u>L-8</u>	7-7	
PROJECT	NUMBER: _	059	6021	× 16		PERS	ONNEL:	Sch jj	st	
SAMPLE D	ATA: AMPLED:				C	OMMENTS: _	L-8	7-7a b	efore p	urging - Sam zing - EPH+1
						ے	<u>L-87</u>	1-76 aft.	er pur	Sing-EPH+1
SAMPLI	NG EQUIPA	MENT:	<u>bladeler</u>	pur.	<u>np</u>					
SAMPLE NO.	NO. OF CONTAIN- ERS	TYPE	PRESER- VATIVE	FIELD FILTRA- TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS- TODY AT 4°C?		
2-	Z	Amb VOA	42504 401 1000	N	2-1L 3-40	Clear	dear	yes	EPH SO	
			tep HzSO4 Un-pre		500	etiar	Clour	gis	N+N 3 H3 350	53. 2 - Z - 300.0
			HN63	¥15	500	Clear	Clav	ges	Iron	
									Ferria Sulfic	
PURGE WAT					co	DMMENTS:				
DISPOSA	AL METHOD	:0	lrum		W-48-14-1-	<b>4</b> 44664				
DRUM DE	SIGNATIO	N(S)/VOL	LUME PER	(GAL):			· · · · · · · · · · · · · · · · · · ·			
VELL HEAD	CONDITIO	ONS CHEC	CKLIST (C	IRCLE YE	S OR NO -	IF NO, ADI	) COMME	ENTS):		
VELL SECU	RITY DEV	ICES OK	(BOLLARD	S, CHRIS	TY LID, CA	SING LID A	AND LOC	CK)?: YES	NO	
NSIDE OF	WELL HEA	AD AND C	OUTER CAS	ING DRY?	: YES	) NO				
ELL CASI	NG OK?:	YES	NO						-	
COMMENTS:										
		W. M				Attention on the property of the party of th				
SENERAL: WEATHER	CONDITIO	ONS:	Clopdy	j.	winde	1				
TEMPERA:	TURE (SPE	ECIFY °C	OR °F):	50	0					
PROBLEMS	S ENCOUNT	TERED DU	RING PUR	GING OR						
c: Proje Job F Other	rile:	jer:								

Date:	31	-	65

Kennedy/Jenks Consultants

PROJECT NAME: BNS	SF-L	ivingstor	✓ WELL	NUMBER:	1-8	7-7					
PROJECT NUMBER: 650	16021	× 16	PERS	ONNEL:	SOLY	ist					
STATIC WATER LEVEL (FT	):		MEAS	URING POINT	DESCRIPTION	ı: <u>T</u> Ö	C				
WATER LEVEL MEASUREMEN											
		prone		PURGE DEPTH (FT)							
TIME END PURGE:		A the state of the	enementarios de la companie de la co		CONTROL CONTRO		Makes the produce and all the contributions are consent and an expect of a sinicial trade to executive who				
TIME SAMPLED:			обительного выположения по		**************************************						
COMMUNITS:	iant	@ 0 MOND	0 1	and div	11 S	21.00	/ n				
comments: Did  Past the		<del>3</del> <del>2</del> <del>1</del> <del>2</del> <del>1</del>	<del>2</del> ) ( (	7///(//_	<u>IUI Se</u>	mp					
past the	Produc		Water the Control of				Minimization assessment and accompanies to the second accompanies to t				
WELL VOLUME CALCULATION TOTAL (FILL IN (F	DEPTH (	DEPTH TO WATER (FT)	WATER COLUMN (F	CASI	ULTIPLIER F		CASING VOLUME				
BEFORE		25,1	3,3		<u> </u>	1.44	(GAL)				
TIME			<u> </u>		7   0.04   T	1 · · · · · · · · · · · · · · · · · · ·	1,52				
	1839			AND MARKET AND THE WAS COMMON TO THE WAS COMMON			***************************************				
VOLUME PURGED (GAL)				***************************************							
PURGE RATE (GPM)	- Secular Secu	-				*					
TEMPERATURE (°C)	10.6	3		**************************************							
pH	7.45	5		#Africación messado e Accessos anteres de Tamen de Condecido de Consesido com			MATTER VICTOR CONTROL AND MATTER AND ADDRESS AND ADDRE				
SPECIFIC CONDUCTIVITY (micromhos (uncorrected) cm	563					ACTION STATEMENT OF THE					
DISSOLVED OXYGEN (mg/L)	3.35				The County of th		DECEMBER OF THE PROPERTY OF T				
eH(MV)Pt-AgC1 ref.	429	extraction of the second secon									
TURBIDITY/COLOR	Siden						APPROCESSATION CONTROL OF THE CONTROL OF T				
ODOR											
DEPTH OF PURGE INTAKE (FT)											
DEPTH TO WATER DURING PURGE (FT)				#Assessmental control of the control							
NUMBER OF CASING VOLUMES REMOVED											
DEWATERED?			Section 1 - Market and annual for any party of the control of the				Manufacture descriptions of the second secon				

	lwater F	Online company of the second								enks Consultan
								r: <u>RW-</u>		
PROJECT	NUMBER: _	059	QO 2	*16		PERS	ONNEL:	Sch,	<del>st</del>	
SAMPLE D	ATA: AMPLED: _				C	OMMENTS: _	RW	-8a befo	sve ov	vsias-same
DEPTH	SAMPLED (	FT):	26~				RW-	86 after	DUYSI	vging-samp ng-EPH+1
	NG EQUIPM								1 0	0
	NO. OF	CON-		FIELD	VOLUME			SHIPPED UNDER		
SAMPLE NO.	CONTAIN- ERS	TAINER TYPE	PRESER- VATIVE	FILTRA- TION	FILLED (ml or L)	TURBIDITY	COLOR	CHAIN-OF-CUS- TODY AT 4°C?	REQUEST (METHOD)	COMMENTS
2-	2	Amb	42504	N	2-1L		-		EPH Sc	reen
2-	<u>3</u>	VOA POLY	HC1 Hz304	N	3-40 500				NPH N+N 3	353. 2
	,	' "	un-pre	N	500	Lear	Clav	965	NH3 3. Sulfatu	<i>50.3</i>
	)	poly	HNO3	ye5	500	Clew	Clear	cys.	Iron 2	
	Hack	C. (L.	(and				,	V	Fire of	7 8 8 8
	Haen	PILITA	eor							Tron 0.00
PURGE WAT	TER DISPOS	SAL NOTE	:S:					- rera 1	SUYIA	0-00
TOTAL [	DISCHARGE	(GAL):	<u>3.5</u>	,5	co	MMENTS: _				
DISPOSA	AL METHOD:	=	<u>trom</u>			*******			***************************************	
DRUM DE	SIGNATION	i(S)/VOL	UME PER	(GAL):						
IELL HEAD	CONDITIO	NS CHEC	KLIST (C	IRCLE YE	S OR NO -	IF NO, ADD	COMME	<u>INTS)</u> :		
ELL SECU	RITY DEVI	CES OK	(BOLLARD	S, CHRIS	TY LID, CA	SING LID A	ND LOC	K)?: YES	NO	
NSIDE OF	WELL HEA	D AND O	UTER CAS	ING DRY?	: YES	NO				
ELL CASI	NG OK?:	YES	NO							
OMMENTS:										
									THE RESERVE OF THE PERSON OF T	MANAZONI
ENERAL:				*		Committee of the Commit		1		
			(1		cloud	y ;	win	dy		
TEMPERA	TURE (SPE	CIFY °C	OR °F):	60	)	•				
PROBLEM	S ENCOUNT	ERED DUI	RING PUR	GING OR	SAMPLING?	no .				
c: Proj	ect Manag	er:								
Job i Othe	File: r:									

Date: 3/11/05 Groundwater Purge and Sample Form **Kennedy/Jenks Consultants** WELL NUMBER: RW-8 (PW-8a RW8 PROJECT NAME: BUSF - Livingston PROJECT NUMBER: PERSONNEL: STATIC WATER LEVEL (FT): 2292 MEASURING POINT DESCRIPTION: 100 WATER LEVEL MEASUREMENT METHOD: Solinit water level purge METHOD: peristalic PURGE DEPTH (FT) ~26 TIME START PURGE: 200 TIME END PURGE: TIME SAMPLED: 1145 comments: Screen volume x 3 = 26 sallon; bottom blank x 1 = 9.5 total 35.500 first samples - RW-8a second samples RW-8b 22.92 product 24.30 water WELL VOLUME MULTIPLIER FOR 3xCALCULATION TOTAL DEPTH DEPTH TO CASING VOLUME WATER CASING DIAMETER (IN) (FILL IN (FT) WATER (FT) COLUMN (FT) (GAL) BEFORE 35.5 PURGING) 0.16 0.64 1.44 1430 TIME 1245 1345 1205 1647 23.77 5.9+8 bolore aster VOLUME PURGED (GAL) 13.86 19.81 35.5 Sample Banyole PURGE RATE (GPM) 0.500 0500 0.500 1,500 0.500 TEMPERATURE (°C) 12.07 13.27 13.09 1815 1411 13.36 12.77 рΗ 6.91 6.98 6-41 698 6.98 7.16 6.99 SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm 602 627 397 592 604 598 588 DISSOLVED OXYGEN (mg/L) 2.07 4.21 249 3.19 3.15 1.98 4.08 eH(MV)Pt-AgC1 ref. 125.3 197.3 147.7 82.8 81.2 83.3 111-5 Closy Clar TURBIDITY/COLOR Clour Clear ( Nor Clear clear ODOR И6 MO no no NU no no DEPTH OF PURGE ~27 221 ~27 ~27 226 227 INTAKE (FT) DEPTH TO WATER DURING PURGE (FT)

no

NO

NO

no

**DEWATERED?** 

NUMBER OF CASING VOLUMES REMOVED

No

10

NB

Ground	water P	urge a	nd Sar	nple Fo	orm	Date:	3/10	<u> 105 Ker</u>	nnedy/Je	enks Consulta
	NAME: $\overline{\mathcal{R}}$			-1				R: HRC		
SAMPLE D	ATA: AMPLED:	18	05		C	OMMENTS: _	Al	( Sample	rs Co	
	SAMPLED (I						offi	v 3 ca	311/2	Volumes
SAMPLE NO.	NO. OF CONTAIN- ERS	CON- TAINER TYPE	PRESER- VATIVE	FIELD FILTRA- TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS- TODY AT 4°C?		
	2 3	VOA	H2S04 HCI	N N	2-L 3-40 Elsur	Clear	Gear	ges	EPH SO VAN	
		0	142504 <u>Un-prc</u>		500 500 <del>Situ</del>	Clear	Clear	Y5		3,3 - 300,0
	Huck		HN'03	45	Soci	Clear	Clear	<u> </u>	Iwn	
, i -	'I lace	71.11	Press					field		$35I_{ron}$ 0.00
	ER DISPOS DISCHARGE	,		<u> </u>	co	MMENTS: _		······································		
	L METHOD:			(GAL):						
LL HEAD	CONDITIO	NS CHEC	KLIST (C	IRCLE YE	S OR NO -	IF NO, ADD	COMME	NTS):		
LL SECU	RITY DEVI	CES OK	(BOLLARD	S, CHRIS	TY LID, CA	SING LID A	ND LOC	K)?: (YES)	NO	
ISIDE OF	WELL HEA	D AND O	UTER CAS	ING DRY?	: YES	NO		**************************************		
ELL CASI	NG OK?:	YES	NO							
MMENTS:			Strate Control of the							
<u> </u>	With the State of				Marine Marine Control of the date of the con-					
ENERAL: WEATHER TEMPERA	CONDITION	NS:_ <i>f</i>	08 °F):	g 50	unny	+ wir	nde O			
			·							
c: Proje Job   Othe	-lie:					Principi (India de Calabrillo Antica de Caración (India de Calabrillo Antica de Calabrillo An				

Groundwater Purge and Sample Form Date: 3/10/65 Kennedy/Jenks Consultants PROJECT NAME: BUSF - Livingston WELL NUMBER: HRO-23 PROJECT NUMBER: 0596021416 PERSONNEL: Sch ist STATIC WATER LEVEL (FT): 24.66 MEASURING POINT DESCRIPTION: TOC WATER LEVEL MEASUREMENT METHOD: Solvist water level purge METHOD: peristalic TIME START PURGE: 1750 PURGE DEPTH (FT) \_\_\_\_\_25 TIME END PURGE: 1805 TIME SAMPLED: 1805 COMMENTS: All samples collected after pursing 3 casing Volumos WELL VOLUME MULTIPLIER FOR CALCULATION TOTAL DEPTH DEPTH TO WATER CASING DIAMETER (IN) CASING VOLUME (FILL IN (FT) WATER (FT) COLUMN (FT) 2 (GAL) BEFORE PURGING) 24.66 (0.16) 2.13 0.64 26.79 1.44 0.32/ TIME 7.50 1800 1805 VOLUME PURGED (GAL) 0.33 0 066 PURGE RATE (GPM) 0.250 0.250 0.250 TEMPERATURE (°C) 1.05 11.10 11.09 11.08 рΗ 7.36 7.24 7.28 SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm 572 568 569 DISSOLVED OXYGEN (mg/L) 2.55 eH(MV)Pt-AgC1 ref. 143.1 150.1 TURBIDITY/COLOR Clear Cliar Silv Lour ODOR DEPTH OF PURGE ~25 INTAKE (FT) DEPTH TO WATER DURING PURGE (FT) NUMBER OF CASING **VOLUMES REMOVED DEWATERED?** no 110 110 170

Ground	lwater P	urge a	ınd Sar	nple Fo	orm	Date:	3/1	<u>0/0</u> 5 Kei	nnedy/Je	nks Consultants
1				5	ston 'a			R: <u>L-E</u> SCK;	. 1	
CAMPLE		CANAL MANAGEMENT								mpled for
	SAMPLED (								4 2	ed; purged
	NG EQUIPM			alic						ed EPH+ VPH
SAMPLE NO.	NO. OF CONTAIN- ERS	TYPE	PRESER- VATIVE	FIELD FILTRA- TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS- TODY AT 4°C?		COMMENTS
	2 3	Amb		N	2-14			yes	EPH SO UPH	e-n
	i ,	pour		N	500 500			V.	N+N 3 H3 3 Sulgate	50-3
	j	poly		Y15	500			yes	Iron	200.7
	Haeh	- fil	tered			í.	,			Ivan 0.00
TOTAL (	TER DISPOS DISCHARGE AL METHOD:	(GAL):	Drum		cc	OMMENTS:		· · · · · · · · · · · · · · · · · · ·		
	SIGNATION				S OR NO -	TE NO ADD	COMI	WTC \.		
					TY LID, CA				NO	
INSIDE OF	WELL HEA	D AND O			<i>a</i>	NO			er er	
	NG OK?:		МО							
TEMPERA	TURE (SPE	CIFY °C	OR °F):	55	ny t					
c: Proj Job Othe	File:	er:					and an arrange and			

Date: 3/10/05 Kennedy/Jenks Consultants

PROJECT NAME:	BUS	·	Li	Vinsoto	∧ WEL	L NUMBI	:R:	L-87	)-(g		
PROJECT NUMBER:				$\sim$				-JL . i	_		
STATIC WATER LE								DESCRIPTIO		OC.	
WATER LEVEL MEA											,
TIME START PURG	E:	62	29					~2			
TIME END PURGE:											
TIME SAMPLED:	163	<u>30</u>		no de la companio de							
COMMENTS: Of	P drop	ped	fro	m 44.3	to 65.9 1	villy	n Ma	nauts;	stoppe	d ai	nd
Sampled 1 + VPH											
WELL VOLUME CALCULATION (FILL IN	TOTAL D			DEPTH TO WATER (FT)	WATER COLUMN (	1 .		ULTIPLIER I NG DIAMETER 4			1.5 CASING VOLUME (GAL)
BEFORE PURGING)	28.8	30	-	25.70	3.1	X	0.16	0.64	1.44	= -	0496
TIME	·	Τ.	029	1042	1647	16	52	1702	117	12	T
VOLUME PURGED (	GAL)						52	1.05		58	•
PURGE RATE (GPM)				0,200	0.200	-	200	0.200	****	200	
TEMPERATURE (°C)	,	17	.77	12.08	11.91	***	55	11.66		<u>55</u>	
рН		******************	73	7.60	7.18	-	<u> </u>	7.09		08	
SPECIFIC CONDUCTIVITY ( <u>mi</u> (uncorrected)	cromhos)	V	50	455	649		14	645	64		
DISSOLVED OXYGEN	(mg/L)	4.	64	5-83	0.95	0	81	1.00	0.3	***************************************	
eH(MV)Pt-AgC1 re	of.	- 4/	4.36	5.9.77.9	90.3		1.8	91.0		. 2	
TURBIDITY/COLOR		ale	ir	Clear	Clear		26 V	Clear	cleo	Web and the contract of the co	adedicamento of each intrinsposer Confirmence Assessment
ODOR		۰	and the second s			_					
DEPTH OF PURGE INTAKE (FT)		~ 2	17	~27	~27		27	-27	~2	7	
DEPTH TO WATER D PURGE (FT)	URING	and the second						The second secon			
NUMBER OF CASING VOLUMES REMOVED			Sizzando-			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
DEWATERED?		ho	}	no.	no	no	}	110	NO		

	water P						et september de la compa			nks Consultan
			d.					R: <u>1-8</u>		
ROJECT	NUMBER:	<u> </u>	CO Z 1	7 /6		PERS	ONNEL:	<u> </u>		
AMPLE D	<u>ata</u> : Ampled:	13	05	audetro diraktori ili atarem nazira di curinci da solo	Constitutional and a second	OMMENTS: _	AIL	samples	Colle	cted affe
DEPTH	SAMPLED (I	FT):	<u>~                                    </u>	?7		4000	3	rasing	volume	<u> </u>
SAMPLI	NG EQUIPME	ENT:	pirs	talic		*******	www.nacha-scharenbasec	\$_/ 	uccumpomerativa annitous in kiis chimis kiya kii a	·
SAMPLE NO.	NO. OF CONTAIN- ERS	CON- TAINER TYPE	PRESER- VATIVE	FIELD FILTRA- TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS- TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
	2 3		HESON		22-L 3-40m			yes	EPUSC VPH	reen
	1	W	HCl H2504 Un-pre. HNO3		500 500	Clear			NHN 39 NH2 35 SUCCOL	ρ.3 2-3∞.6
				35	50 C	Dlear	War	V	Iron	200."
	Hack	- Li	Hered				,	in field	· .	tron 0.00 le 0.00
	TER DISPOS DISCHARGE AL METHOD:	i i		25	co	DMMENTS:				
DRUM DE	SIGNATION	(S)/VOL	UME PER	(GAL):						
LL HEAD	CONDITIO	NS CHEC	KLIST (C	IRCLE YE	ES OR NO -	IF NO, ADD	COMME	ENTS):		
LL SECU	RITY DEVI	CES OK	(BOLLARD	S, CHRIS	STY LID, CA	SING LID A	ND LOC	K)?: YES	NO	
SIDE OF	WELL HEA	D AND O	UTER CAS	ING DRY?	: (ES)	NO				
LL CASI	NG OK?:	YES	NO							
MENTS:										
NERAL: WEATHER	CONDITIO	NS:	Par	<u>ly (</u>	hody			wali ili malikwalio za consta kwa nistona wa za kwa kwa kwa kwa kwa kwa kwa kwa kwa kw		
TEMPERA	TURE (SPE	CIFY °C	OR °F):		55					
PROBLEM	S ENCOUNT	ERED DU	RING PUR	GING OR	SAMPLING?		Nesson mentional listoner secoles.			
: Proj Job Othe	File:	er:								

Kennedy/Jenks Consultants Groundwater Purge and Sample Form PROJECT NAME: BUSE - / ivingston WELL NUMBER: 2-88-9 PROJECT NUMBER: 0596021\*16 MEASURING POINT DESCRIPTION: 70 C STATIC WATER LEVEL (FT): WATER LEVEL MEASUREMENT METHOD: 50 (nist PURGE METHOD: Peristalic TIME START PURGE: 1222 PURGE DEPTH (FT) 27 TIME END PURGE: \_\_\_ 1304 TIME SAMPLED: 1305 comments: Some bubbles from well; all samples collected casing volumes WELL VOLUME MULTIPLIER FOR CALCULATION TOTAL DEPTH DEPTH TO WATER CASING DIAMETER (IN) CASING VOLUME (FILL IN (FT) WATER (FT) COLUMN (FT) (GAL) BEFORE 23.76 PURGING) 30.20 0.16 0.64 1.44 6-44 1:03 TIME 1229 12.34 1284 1254 1304 VOLUME PURGED (GAL) 0,396 0.79 3.2 1.5 2.3 PURGE RATE (GPM) 0.300 0.300 0,300 0.300 0.300 TEMPERATURE (°C) 11.23 11.88 11.07 11.04 1112 pН 7.40 7.34 1.76 1.47 7.37 7.38 SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm 547 549 55.5 548 547 548 DISSOLVED OXYGEN (mg/L) 808 8.54 8.72 8.28 9.14 8.14 eH(MV)Pt-AgC1 ref. 49.3 52.1 33.2 52.4 51.3 54.8 TURBIDITY/COLOR Clear Clear lear 1 Leav Cleur Clear ODOR DEPTH OF PURGE 27 INTAKE (FT) 27 27 27 DEPTH TO WATER DURING PURGE (FT) NUMBER OF CASING **VOLUMES REMOVED DEWATERED?** 

no

NO

10

NO

10

No

Ground	water P	urge a	ınd Saı	nple F	orm	Date:	3/10	<u> 05</u> Ker	nedy/Je	nks Consultants
	NAME:	1 145			USF			R: <u>\langle S-(</u>		
PROJECT	NUMBER: C	5%				PERS	ONNEL:	<u> </u>	<u> 15I</u>	
SAMPLE D	ATA: AMPLED: _	10	25'		C	OMMENTS: _	501	nold for	1/1/1	first
	SAMPLED (			3		•	PR	urged th	in E	FRH + VPH
SAMPLE	NO. OF CONTAIN-	CON-		FIELD	VOLUME			SHIPPED UNDER CHAIN-OF-CUS-		
NO.	ERS	TYPE	VATIVE	TION	(ml or L)	TURBIDITY	COLOR	TODY AT 4°C?	(METHOD)	
	2 3	VOA		11	2-L 3-40mL	Clear	Wav	45	EPU SCI VPH	
	/	,	Un-Dre		500 500	Clear	War	415	NHU 3 NHU SUlsati	53 Z 350, 3 300.0
	/	'paig	H163	yes	500	Clear	Usu	y '45	lron	200-1
	Hael		Gillen	d				In field		Iron 0:76
DISPOSA	TER DISPOS DISCHARGE AL METHOD: ESIGNATION	0	drum		cc					
IELL HEAD	CONDITIO	NS CHEC	KLIST (C	IRCLE YE	ES OR NO -	IF NO, ADD	COMME	ENTS):		
ELL SECU	JRITY DEVI	CES OK	(BOLLARD	S, CHRIS	STY LID, CA	SING LID A	ND LOC	K)?: YES	NO	
NSIDE OF	WELL HEA	D AND O	UTER CAS	ING DRY?	: YES	NO				
VELL CASI	NG OK?:	YES	NO							
OMMENTS:		aceutateuro esta esta esta esta esta esta esta esta		-			***************************************			
ENERAL: WEATHER	CONDITIO	NS: <i></i>	artl	4 C	loud y	+ 4	igh	t wind		
TEMPERA	TURE (SPE	CIFY °C	OR °F)	5	4 V		<i>U</i>	aakt kun oo voor kuuruu ka saaka ka kun oo ka saaka ka		
PROBLEM	S ENCOUNT	ERED DU	RING PUR	GING OR	SAMPLING?		2500			
c: Proj	ect Manag						ORANATA IN PROPERTY OF THE PRO			

Kennedy/Jenks Consultants WELL NUMBER: \_\_ LS - 6 PROJECT NAME: LIVINGS TON - BNSF PROJECT NUMBER: 05960 21 \*16 STATIC WATER LEVEL (FT): 23 4// MEASURING POINT DESCRIPTION: WATER LEVEL MEASUREMENT METHOD: Solvyst PURGE METHOD: Deristalic TIME START PURGE: \_\_\_\_1024 TIME END PURGE: 1052 TIME SAMPLED: 1025 COMMENTS: Sampled for NA filtered & nonfiltered @ 1025-intital orp drap = 5/0 in a few seconds; sampled EPH + VPH after 3 casing volumes WELL VOLUME MULTIPLIER FOR 1.5 CALCULATION TOTAL DEPTH **DEPTH TO** CASING DIAMETER (IN) WATER CASING VOLUME (FILL IN (FT) WATER (FT) COLUMN (FT) (GAL) BEFORE PURGING) 26.21 0.16 0.64 1.44 0.448 4 TIME 10,75 1038 1042 1047 1052 VOLUME PURGED (GAL) 0.92 0.46 1.38 PURGE RATE (GPM) 0.350 0.350 0.350 0.350 TEMPERATURE (°C) 1144 12.04 11.92 11.82 11.83 рΗ 7.03 6.07 7.05 7.03 7:10 SPECIFIC CONDUCTIVITY (micromhos) 614 541 529 532 527 (uncorrected) DISSOLVED OXYGEN (mg/L) 23 4.19 0.43 1.24 0-37 eH(MV)Pt-AgC1 ref. -18 --59.6-42.7-54.0 TURBIDITY/COLOR Ua Clear Clear ellar CLIUV ODOR DEPTH OF PURGE 25 25 INTAKE (FT) DEPTH TO WATER DURING PURGE (FT) NUMBER OF CASING 3 **VOLUMES REMOVED DEWATERED?** 110 MO NO

110

Zundul

no

Ground	water P	urge a	nd Sar	nple Fo	orm	Date:	3/9	1/05 Ker	nedy/Je	enks Consultants
PROJECT	NAME: <u>5</u>	USF	-6	ivins:	s ton	WELL	NUMBE	R: <u>16</u>	13	MW-100
PROJECT	NUMBER:	0596	02(*	16		PERS	ONNEL:	sch,	ist	
SAMPLE D	ATA: AMPLED: _	//:	15 ·;	11:36	C	OMMENTS: _	ab	l Samples	colle	Àed
	SAMPLED (					<b>S</b>	afte)	purgins		
SAMPLI	NG EQUIPM	ENT:	perista	aliz		doctored		, , , ,		
SAMPLE NO.	NO. OF CONTAIN- ERS	CON- TAINER TYPE	PRESER- VATIVE	FIELD FILTRA- TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR		ANALYSIS REQUEST (METHOD)	
	2 3	Amber VOA	HSOH HCI	N	2-L 3-40 <sub>ML</sub>	Clear	Clear	izes	EPH Scr VPH	een
	1	500 poly	HISON	N N N	500 mb	Clear	dov	45	N+N 43 Sulfacti	35°3. 2 35°0.3 320.0
·	/ «	São phy	11 NO3	Yes	Scome	Clear	Clear	945		200.7
	Hach Hach			У				in field		5 0.00 mg/L
TOTAL I	TER DISPOS DISCHARGE AL METHOD	(GAL):			Co	OMMENTS: _				<i>y</i> •
	ESIGNATION			(GAL):_	<del>*************************************</del>				***************************************	
WELL HEAD	CONDITIO	NS CHEC	KLIST (	CIRCLE YE	ES OR NO -	IF NO, ADI	COMME	ENTS):		
WELL SECU	JRITY DEVI	CES OK	(BOLLARI	S, CHRIS	STY LID, CA	ASING LID A	AND LOC	CK)?: YES	NO	
INSIDE OF	WELL HEA	D AND C	OUTER CAS	ING DRY	: YES	NO		***************************************		
WELL CASI	ING OK?:	YES	NO							
COMMENTS:		Mile and a second section of		***************************************						
GENERAL: WEATHER	CONDITIC	NS:C	Sunny	4	windy			meter o otherpolitical accommoda a trade occurrence a trade occurrence and the section of		
TEMPERA	TURE (SPE	CIFY °C	OR °F):	60	F				gican determination in the coloradoral light second 1994.	
PROBLEM	S ENCOUNT	ERED DU	RING PUR	GING OR	SAMPLING?					
***************************************										
cc: Proj Job	ect Manag	er:				1000A				

Groundwater	Purge	and Samp	le Form	Date	e: <u>5 9 </u>		edy/Jeni	ks Consultant						
PROJECT NAME: _								NW-100						
					SONNEL:									
STATIC WATER LE	EVEL (FT)	: 20	· O /		SURING POINT									
WATER LEVEL MEA	SUREMENT	METHOD:	20,07	PURC	GE METHOD:	persti	S po	mp						
TIME START PURG	E:	<del>1010</del>	1053	PURC	E DEPTH (FT)	<u>~22</u>								
TIME END PURGE:		15			•		econocida analysis							
TIME SAMPLED: _	11:1	5 , 11:	30				•							
COMMENTS: DO		,		cted: 7	11( both	us col	<u>lected</u>							
after purging														
WELL VOLUME MULTIPLIER FOR 1.59														
CALCULATION (FILL IN	TOTAL D	1 1	DEPTH TO VATER (FT)	WATER COLUMN (F	T) CASI	ULTIPLIER FO		1.59 CASING VOLUM (GAL)						
BEFORE PURGING)	23.4	40 - 2	20.07	3.35	3 × 0.16	0.64	1.44	0.53						
TIME		1055	1100	1105	Lilio	1115								
VOLUME PURGED (	GAL)							N-100-00-00-00-00-00-00-00-00-00-00-00-00						
PURGE RATE (GPM)	)	0.325	0.325	0.325	0.325	0.325		· ·						
TEMPERATURE (°C)	)		13.56		13.84	***************************************	-							
pH		8.04	7.24	7.26	7.20	7.18	* ************************************	AND CONTROL OF THE CO						
SPECIFIC CONDUCTIVITY ( <u>m</u> i (uncorrected)	i <u>cromhos</u> ) cm	487	478	476	475	476								
DISSOLVED OXYGEN		7.86	7.26	7.24	5.80	5.54		Management of the second of th						
eH(MV)Pt-AgC1 re	1203	135.6	168.8	168.8	165.6	166.2		MONTH OF THE PROPERTY OF T						
TURBIDITY/COLOR		clear	clear	clear	clear	Clear								
ODOR		none	none	none	none	none		MOTIVATION AND ACTIVISMENT ACT						
DEPTH OF PURGE INTAKE (FT)		~22	-22	222	~ 22	222								
DEPTH TO WATER D PURGE (FT)	URING		20.09		CONCENSION OF THE PROPERTY OF	20.09								
NUMBER OF CASING VOLUMES REMOVED					rr z produce de la constanta d	3								
DEWATERED?		No	. 00	100	100	MO								

Ground	water P	urge a	ınd Sar	nple Fo	orm	Date:	3/	<u>9/05</u> Kei	nnedy/Je	enks Consultants
	NAME: <u></u>					WELL	NUMBE	R: 46-	-4	
PROJECT	NUMBER: _	059	6021	* 14	) 	PERS	ONNEL:	Sch,	15/	
SAMPLE D	ATA: AMPLED:	13.	50							pre collecte
DEPTH	SAMPLED (	FT):	~ 2			4	of the	pulsii	25	
SAMPLI	NG EQUIPM	ENT:	persi	talic		-				WWW.
SAMPLE NO.	NO. OF CONTAIN- ERS	CON-		FIELD FILTRA- TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS- TODY AT 4°C?		
Z T	Amb Z		H <sub>2</sub> 504 HC(	N	2-L 3-40mL	Clear	Clear	yes	EPH Sc UPH	res.n
	1	Adr	H <sub>2</sub> SO4 Un-pre	N	500 500	3		ye3	UPH N+N NH3 SULATE	353.Z 350.3 300.0
<b>V</b>	1	paly	HNO3	yc5	500	Clar	War	Y5	Ivon	200.7
	Hach	- fi	Iteres	rd 			٠	in field	Sv(Fide	Fe @ 0.00 \$ 0.01
PURGE WAT	TER DISPOS DISCHARGE	GAL NOTE	<u>s</u> :	'. 5	C0	OMMENTS:	fil	tered		
DISPOSA	AL METHOD:	- 0	lvum			*****				
DRUM DE	SIGNATION	I(S)/VOL	UME PER	(GAL):						
ELL HEAD	CONDITIO	NS CHEC	KLIST (C	IRCLE YE	S OR NO -	IF NO, ADD	COMME	ENTS):		
ELL SECU	RITY DEVI	CES OK	(BOLLARD	S, CHRIS	STY LID, CA	SING LID A	ND LOC	K)?: YES	NO	
NSIDE OF	WELL HEA	D AND O	UTER CAS	ING DRY?	YES	NO				
ELL CASI	NG OK?:	(YES)	NO							
OMMENTS:							The state of the s			
	and the second s							NAMES AND ASSESSMENT OF THE PROPERTY OF THE PR		
ENERAL: WEATHER	CONDITIO	NS:	Sunn	4 4	bjino	ty				
TEMPERA	TURE (SPE	CIFY °C	OR °F):		4	V				
PROBLEM	S ENCOUNT	ERED DU	RING PUR	GING OR	SAMPLING?					
c: Proj Job	File:	er:					essentation de la communicación de la communic			

Date: 3/9/05

Kennedy/Jenks Consultants

PROJECT NAME:	<u>BNSF</u>	D 100	Li	insstor	Z WELL	. NUMBER:		(6 -	4	And the second second	
PROJECT NUMBER:	0590	102	1.10	<u></u>	PERS	ONNEL:		ch,	ist		
STATIC WATER LE	VEL (FT):	4	20.4	46	MEAS	URING PO	INT DE	ESCRIPTIO	N: 10	<u></u>	
WATER LEVEL MEA	SUREMENT	METHOD	: <u>Sd</u>	inst	PURG	E METHOD:	P	erista	lic		
TIME START PURG	E:	332	2		PURG	E DEPTH (	/ [FT) _	erista.	21		OF THE OWNER WAS ARREST TO THE
TIME END PURGE:	134	18	in the second		Silvestives in contract states		7. ee	-	· ·		
TIME SAMPLED:	135	50	ender on the many								
COMMENTS:	113	any	eles	colle	stock as	Ger	PUR	Sins		CQ5	ins
Volumes		······································				·		0 0		M-Haristonianis descriper	
WELL VOLUME CALCULATION (FILL IN	TOTAL D			DEPTH TO ATER (FT)	WATER COLUMN (F			TIPLIER F		C	O. O./ ASING VOLUME (GAL)
BEFORE PURGING)			_	20.46	- 1.34	→ x	16	0.64	1.44	-  -	0.Z1
TIME		133	 35	1340	1345	1348	}				
VOLUME PURGED (G	iAL)		Companies Commontains		3	3+		en Carlo (Carlo (Ca	**************************************		
PURGE RATE (GPM)		97.00-20-90-20-10-10-10-10-10-10-10-10-10-10-10-10-10	C	0-275	.275	0.27	75	NAAA sakeel kala ka	***************************************	·	
TEMPERATURE (°C)		15.)		13.54		13.4					
pH	And the second of the second o	7.9		7.53	7.41	1,40			-	<del></del>	
SPECIFIC CONDUCTIVITY (mi	cromhos)			475	471	470				AMMANDOCTOCOCCOCAN-	
DISSOLVED OXYGEN	(mg/L)	9.1		7.38	6.93	.6.83	,	economicano de la gracia de la descripción de la descripción de la descripción de la defenda de la d			
eH(MV)Pt-AgC1 re	f.	92.	6	95.3	97,5	98.4	-			***************************************	
TURBIDITY/COLOR		mod/ W	wite	Clear	Clear	Cloar					
ODOR		NO		no	No	NO					
DEPTH OF PURGE INTAKE (FT)		~21		ral	221	20					
DEPTH TO WATER D PURGE (FT)	URING	20.	49			20.					
NUMBER OF CASING VOLUMES REMOVED		-		.36	0.64	0.94					
DEWATERED?		-		no	no					,	enantamien mittariak in vie sommet en

Ground	water P	urge a	ınd Sar	nple Fo	orm	Date:	3/9	1/05	Kennedy/Jo	enks Consultants	
PROJECT	NAME: B	NSF	11	VINGS	kn	WELL	NUMBE	R:	3-12	;	
PROJECT	NUMBER: _	0590	0021	+ 16		PERS	ONNEL:	SUL	, jst		
SAMPLE D	ATA: AMPLED: _	1	505		C	OMMENTS: _	NA	Sampl	os coll	cted @	
DEPTH	SAMPLED (	FT):	20		MAN DI STANCESCHAMMENTANISCHAMME		<u>505</u>	, VPH	14 EPX	collected	
SAMPLI	NG EQUIPM	ENT:	persta	(tic		0	effer	Pursir	8		
SAMPLE NO.	NO. OF CONTAIN- ERS	CON- TAINER TYPE	PRESER- VATIVE	FIELD FILTRA- TION	VOLUME FILLED (mì or L)	TURBIDITY	COLOR	SHIPPED UN CHAIN-OF-C TODY AT 4°	DER ANALYSIS US- REQUEST (METHOD)	COMMENTS	
	I	VOA	H <sub>Z</sub> SO4 HCI	N)	2-L 3-40mL	Clear	Clear	yl s	EPH SOL	(eev^	
	1	ades	4 <sub>z</sub> So4 un-pre	1/	500 500	Clear	l		N+N NH3 Sulfate		
	į	paiz	H105	ye3	500	clear	New	y15	Iron		
	Hack Hach	·		4	·			in Gelo	1	Errious iron 0.5 Sullide 0.09	iz "
OURGE WAT	TER DISPOS DISCHARGE	SAL NOTE (GAL):	<u>s:</u> /,	5	CO	OMMENTS:	Li,	Itered			
	AL METHOD:		į.								
DRUM DE	ESIGNATION	1(S)/VOL	.UME PER	(GAL):_			<del></del>				
ELL HEAD	CONDITIO	NS CHEC	KLIST (	IRCLE YE	ES OR NO -	IF NO, ADI	COMME	NTS):			
ELL SECU	JRITY DEVI	CES OK	(BOLLARD	S, CHRIS	STY LID, CA	ASING LID A	AND LOC	K)?: (YE	s) NO		
NSIDE OF	F WELL HEA	AD AND O	OUTER CAS	ING DRY	: ES	NO					
ELL CASI	ING OK?:	YES	) NO								
OMMENTS:							· · · · · · · · · · · · · · · · · · ·		www.www.coderectorumen.com.com.com.com.com.com.com.com.com.com		
			***************************************		vadborismi i middidi immi middiscae y amina						
	CONDITION	ecolomización (	<i>Suni</i> : or °F):	ng 9	+Win	dy					
					SAMPLING?	ORP	droj	oped i	very que	ickly	
cc: Proj Job Othe	ect Manag File:					50 50			20180017034150000pm.do:1800m.co.legovym.co.ecov		

Date: 3/9/65 Kennedy/Jenks Consultants

:															
PROJECT NAME:	BUSF	-Li	ins	3	<u> </u>		WELL	. N	UMBE	R:	46-	12	2		
PROJECT NUMBER:	059	60	21	*	16		PERS	ON	NEL:	ک_	ch j	s7		Hilder kalana melen	KITTER TAXABLE PARTIES AND
STATIC WATER LE	VEL (FT):						MEAS	UR	I NG	POINT	DESCRIPTIO	N:	10	X	
WATER LEVEL MEA	SUREMENT	метно	D: <u>S</u>	idu	rust wai	ter	Livelpurg	E I	METH	OD: 👍	eristat	16c		Petationados acua	POST ZAGONÁMI ZODOVOM PROMEDNÍM STOLOMOVOM POST
TIME START PURG											20			NK SAME PER PER SAME	
TIME END PURGE:		26	0		was to see a s							12************************************	Wagner in the	· · · · · · · · · · · · · · · · · · ·	
TIME SAMPLED:	15	05					-								
comments: <u>Sai</u>								H	Hei	vd (	@1508	<u> </u>	San	njel	ed
for VPH	a E	PH	a	He	er pu	S	ins			econocco manuals zonepoya			,	25.44444 iliminujuda	ngotus www.hotumitemerense
WELL VOLUME CALCULATION (FILL IN BEFORE			EPTH TO TER (FT)		WATER COLUMN (F	T)	v	i .	ULTIPLIER   NG DIAMETE			c	O.68 CASING VOLUM (GAL)		
PURGING)	21.2	25		· denough	9.82	=	1.4	3	Х	0.16	0.64	1.4	4		0.22
TIME		15	06		1505	1	B16		15:	21	1526	,			
VOLUME PURGED (G	AL)				0.46			Γ		72	1,05			Chichester Company Com	
PURGE RATE (GPM)		-			350		0. <i>70</i> 6	-			0.250		Market Street Control	MONOMACCIA	
TEMPERATURE (°C)		15.0	06	-	13.40	-	13.72	_		21	13.13	-	#KONNKONWERT#NA	CARLOS - 10-10-10-10-10-10-10-10-10-10-10-10-10-1	
pH		7.	43	_ -	6.88	-	7.32		6	<del></del>	6.77		•		
SPECIFIC CONDUCTIVITY (mi	cromhos) cm	65	53		695		394		69	(	690		haddyrasolysasogranu	<b>BOHOUNDOUT ASSURABLE</b>	
DISSOLVED OXYGEN	(mg/L)	7.3	34		0.72		11.12		0:	48	0.40				
eH(MV)Pt-AgCl re	f.	89.	0		-15.9	-	-29.1	^	3	7.7	-38.1		***************************************		
TURBIDITY/COLOR		Nigh	f Isow		Clear		clear	(	(loc	ar	clear		Security of the Action	-	
ODOR		no	_	-	Solovani Smell	0	rganic Smell	С	18	anse	organia		THE PERSON NAMED IN COLUMN	termination de	
DEPTH OF PURGE INTAKE (FT)		20	)		20		20	municum	2	)	20				
DEPTH TO WATER D PURGE (FT)	URING				The first control of the control of		· · · · · · · · · · · · · · · · · · ·	eldalarans	etos zacego centro.	ON TO STREET, COM-			CAMPANAMANAMAN	Mediandonesisuducinicum	
NUMBER OF CASING VOLUMES REMOVED		"Passeson"							3	+					embensements produces and also present convenience and a situation of the control
DEWATERED?		no	)		no		no		no	***************************************	no				
-43.1 (5-89)					rupul F	T							(IS	GO. I	Page 1 of

	NAME: I	SUSF	- Li	vings	ton_	WELL	NUMBEI	R: <u>45-</u>	9	
								Sch		
SAMPLE DA					C	OMMENTS: _				
DEPTH S	SAMPLED (	FT):			checomo comesco de constitucione de cons	dagan	······································			
SAMPLII	NG EQUIPM	ENT: 竎	erista	li'c	nnolymouthmentplettemogratus/icasterus/sca	ÇAN SE	,			
SAMPLE NO.	NO. OF CONTAIN- ERS	CON- TAINER TYPE	PRESER- VATIVE	FIELD FILTRA- TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS- TODY AT 4°C?		COMMENTS
	2 3		HZSO4 HCI	N	2-L 3-40mL	Clear	Clear	ye5	EAH SCY VPH	een
	1	poly poly	\$2504 Un-pre	N	500 500	Clear			N+N H3 SUSata	353. 2 350.3 300.0
	,	Poly	4003	ys	500	i .		ye5	Iron	200.7
	Hael	<u> </u>	fdtei	red				Infield		Ivon 001 e 0.00
DISPOSA	ISCHARGE  L METHOD:	di	rum		cc	DMMENTS:				
ELL HEAD	CONDITIO	NS CHEC	KLIST (C	IRCLE YE	S OR NO -	IF NO, ADD	COMME	ENTS):		
ELL SECU	RITY DEVI	CES OK	(BOLLARD	S, CHRIS	STY LID, CA	SING LID A	ND LOC	K)?: YES	NO	
NSIDE OF	WELL HEA	D AND O	UTER CAS	ING DRY?	ES VES	NO				
ELL CASI	NG OK?:	YES	NO							
DMMENTS:										
	CONDITIO	NS:	Son	ny:	+ Wi	ndy				
		CIEV OC	OR °F):		62					
WEATHER	TURE (SPE	OLI I U								
TEMPERA			RING PUR	GING OR	SAMPLING?		•			

Date: 23/9/05 Kennedy/Jenks Consultants

PROJECT NAME:				1 1				<u> 15-9</u>	,					
PROJECT NUMBER:	<u> </u>	602	?(*	16	PERS	ONNEL:	<u>Sć</u>	<u>Ljiji</u>	5 I					
STATIC WATER LE	VEL (FT):	Whitelesconcountribuses			MEAS	URING F	OINT D	ESCRIPTION	i: too	-				
WATER LEVEL MEAS	SUREMENT	METHOD:	<u>501</u>	nist-wate	Level PURG	E METHO	)D: 卆	enista	<u>lic</u>					
TIME START PURG		64	Z.,			E DEPTH			and the same of th	* X * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1				
TIME END PURGE:	-	***************************************	Walker College		·				Omnositorijski kandalejski orozanski sumanopadje jed	Dark Carlle & Hollenton according				
TIME SAMPLED:	7	30	ozosaniu mirotlanio		Market Table School Repropriette Control									
after purging 3 casing volumes  WELL VOLUME  MULTIPLIER FOR 2.04														
WELL VOLUME CALCULATION (FILL IN BEFORE	TOTAL D			DEPTH TO ATER (FT)	WATER COLUMN (F	T) X		LTIPLIER F G DIAMETER			2.04 ASING VOLUME (GAL)			
PURGING)	27.4	10		23.15	4.25	1 . 1	0.16	0.64	1.44		0.68			
TIME		16	43	1648	1853	17c	3	1713		23				
VOLUME PURGED (G	AL)			0.26	0.52	·	5	1.58	2.	AMERICANO.				
PURGE RATE (GPM)		0.20	9	0.20	0-20	0.5	20	0.20	0.	20				
TEMPERATURE (°C)		14.3	59	12.09	11.84		67	11.69	- Transmission					
pH		7.6		7.31	7. 2.3		05	7.04		20	:			
SPECIFIC CONDUCTIVITY ( <u>mi</u> (uncorrected)	cromhos) cm	50	2	493	484	48	0	479	41	76				
DISSOLVED OXYGEN	(mg/L)	48		6.81	6-80	V-8	39	8 28		72	-			
eH(MV)Pt-AgC1 re	f.	34.8	<b>)</b>	7411	84.4	102	.8	110-1	66					
TURBIDITY/COLOR		Clear		deur	Clay	(like	V	Clar		Makininini Tunis Uhum	A CONTRACTOR OF THE CONTRACTOR			
ODOR		· <sub>10</sub> 000				de la companya de la		and the second s		Historia and Constitution (Constitution (Con	емнагасимования настром			
DEPTH OF PURGE INTAKE (FT)		25	,	25	25	25	· >	25						
DEPTH TO WATER DI PURGE (FT)	URING	. i	_	-	.coprobation	assimilar o								
NUMBER OF CASING VOLUMES REMOVED					amount of the second of the se	**		2+	The state of the s	ř				
DEWATERED?		40		110	VΛO	10								

Ground	water P	urge a	ınd Saı	nple Fo	orm	Date:	3/	<u>1/0</u> 5 Ker	nnedy/Je	enks Consultants			
					-win-			R: <u>LC</u>		,			
PROJECT	NUMBER:	<u>C</u> E	2160	<u> </u>	16	PERS	ONNEL:	<u>Scl</u>	<u> </u>				
SAMPLE D	ATA: AMPLED: _	00	120		C	OMMENTS: _	Al	( Samp	lis (	collected			
						*****	aft	er pur	828				
SAMPLI	NG EQUIPM	ENT:	DAY 1	Stals		-							
SAMPLE NO.	NO. OF CONTAIN- ERS	CON- TAINER TYPE	PRESER- VATIVE	FIELD FILTRA- TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS- TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS			
	1	•	112504 HC1	3	2-L 3-40mL	Clear	Uiur	y15	EPHS UPH	trein			
		,	HC1 H2504		500 500	Clear	,	°45	NiN A Stula	)			
	Total and a second a second and	pely	un-pre HNO3	125	500	Clay	Way	c <sub>34.5</sub>	Ivor	<u> </u>			
	tach			3			•	in field		F-0.00 mg/L S-0.00 mg/L			
PURGE WATER DISPOSAL NOTES: TOTAL DISCHARGE (GAL): COMMENTS:  DISPOSAL METHOD: VO VO  DRUM DESIGNATION(S)/VOLUME PER (GAL):													
WELL HEAD	CONDITIO	NS CHEC	KLIST (C	IRCLE YE	S OR NO -	IF NO, ADI	COMME	ENTS):					
					STY LID, CA	SING LID A	ND LOC	(K)?: YES	NO				
	WELL HEA	D AND O	UTER CAS	ING DRY?	: YES	NO							
VELL CASI	NG OK?:	YÈS											
GENERAL: WEATHER	CONDITIO	NS:	Sun	<u> 4</u> =	t WI	10/1-							
TEMPERA	TURE (SPE	CIFY °C	OR °F):	V		<u> </u>							
PROBLEM	S ENCOUNT	ERED DU	RING PUR	GING OR	SAMPLING?								
cc: Proj Job Othe	File:	er:				anne (Military) et tendent a fra demonstratoria.	COMMITTEE COMMITTEE CAN AM						

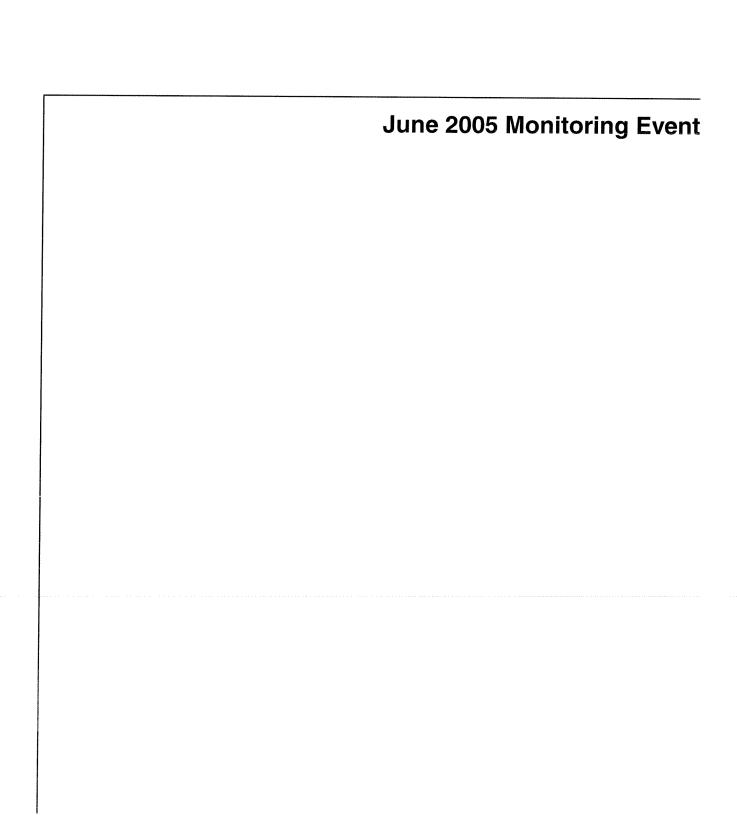
Date: 3/9/05 Kennedy/Jenks Consultants

PROJECT NAME: 1	BUSF -	Li	<u>viv</u>	ston	WEL	L NUMBE	R:	LG - 5	>	<del>Colonia de Colonia</del>				
PROJECT NUMBER:	05	960	21.	16	PER:	SONNEL:	3	a,	<u>ist</u>					
STATIC WATER LE	VEL (FT):		22	+ 20.	Z/ MEAS	SURING	POINT I	DESCRIPTION	۷:	Toc				
WATER LEVEL MEA	SUREMENT	METHO	D: <u>S</u>	olnist	PURG	SE METH	OD:	Ovisto	<u> Lac</u>	2				
TIME START PURGI	<b>:</b> (	39C	0	-				22						
TIME END PURGE:	0	92	0	·	CONTROL CONTRO			***************************************	·					
TIME SAMPLED:		THE RESERVE OF THE PERSON OF T	·	·	MEAN REASON (SECOND SECOND SEC									
COMMENTS:	l sar	np	<u>US</u>	colle	cted	afte	<u> </u>	3 ca	SINS	, a.				
Volumes.														
WELL VOLUME MULTIPLIER FOR 1.29														
CALCULATION (FILL IN	TOTAL D			DEPTH TO	WATER		CASIN	G DIAMETER	(IN)	,	CASING VOLUME			
BEFORE PURGING)	22.	***************************************	_	WATER (FT)	COLUMN (F	1) x	2 (0.16)	0.64	6	┨₌┝	(GAL)			
TIME	<i><u> </u></i>	T		20,21	2.69				1.44 T	<u> </u>	0.43 T			
VOLUME PURGED (G	Δ1 \	09	00	0905	0910	09	<u> </u>	0920						
		***************************************		***	*	-		1.458	al_					
PURGE RATE (GPM)	4m	0,27	5 L	0.275	0.275	0.2	.75	6.275						
TEMPERATURE (°C)		11	23	11.88	11.99	11.0	77	11.99						
pH	:	6.	13	6.75	7.00	7.0	7	7.10						
SPECIFIC CONDUCTIVITY ( <u>mi</u> (uncorrected)	cromhos) cm	5c		490	486	48	4	484			Secretary and the second			
DISSOLVED OXYGEN	(mg/L)	8.3	36	7.24	6.97	6.	74	6.49						
eH(MV)Pt-AgC1 re	f.	203		195.7	186.4	183	3.5	181.7		ACCOMMODISTICATION OF THE PARTY				
TURBIDITY/COLOR		Ut	TORROWS NAME OF THE PARTY OF TH	clear	Clear	Clea		Clear		<del>i di ma</del> na anta anta anta anta anta anta anta				
DDOR			***************************************											
DEPTH OF PURGE		n2	11	~ 21	~21	~2	1	221						
PURGE (FT)	JRING	2			20.22			20.22		NAME AND ADDRESS OF THE PARTY O				
NUMBER OF CASING OLUMES REMOVED								3	4	Managertunelingsconsciptionschaften	Servicine de provinción de la constanción d			
DEWATERED?		n	Ĭ	NO	no	no		no						

Ground	water P	urge a	ınd Sar	nple F	orm	Date:	3/8	105 Kei	nnedy/Je	enks Consultants	
	NAME: <u></u>					sidne diese den de			R: <u>ZS</u> _SCk,	,	
TIME S	AMPLED: _		270		отника от него и на при отничание с при отнича	COMP	MENTS: <u>C</u>	Sam	pud tor	1VA 5	ramples
DEPTH SAMPLI	SAMPLED (	FT): ENT:	peris	talic				H151 The	collected	HASKIO VPH	L purging;
SAMPLE NO.	T	CON-		FIELD	VOLUM	Æ D			SHIPPED UNDER CHAIN-OF-CUS- TODY AT 4°C?	ANALYSIS REQUEST	COMMENTS
	2		#2504	N							
	3	VOA 500 pol	HC1 H2504	N		-					
	1	600 pol	Unpre								
	)	500 pol	HAÖB	Х							
	Hach			У		_					Ferrous Ivan O.C
	Hach			V							Sulfide 0.01
PURGE WAT	TER DISPO	SAL NOTE	<u>s</u> :	- 3		COMIV	MENTS: _				
	AL METHOD										
	ESIGNATIO										
WELL HEAD	CONDITIO	ONS CHEC	KLIST (C	IRCLE YE	ES OR NO	- IF	NO, ADI	COMME	ENTS):		
									 CK)?: YES	NO	
INSIDE OF	WELL HEA	ND AND C	OUTER CAS	ING DRY	?: YE	s)	NO		·		
WELL CASI	NG OK?:	YES	) NO								
COMMENTS:											
***************************************						Market Market State Control					
GENERAL: WEATHER	CONDITIO	DNS:	PAY			cus					
TEMPERA	TURE (SPE	CIFY °C	OR (F):	Ú.	5015	, (					
PROBLEM	IS ENCOUNT	ERED DU	RING PUR	GING OR	SAMPLIN	G?		<del></del>			
CALL COMMENTS OF THE STATE OF T											
cc: Proj	ect Manag	er:				Nicoland Company					
Job	File:					PRODUCTION					

Date: 3/8 Kennedy/Jenks Consultants

PROJECT NAME:	BUSE		Liv	1. 13 m	ssbn		WELL	. NUN	4BEI	R:	<u>ا</u>	5-1	10				
PROJECT NUMBER:				4	~					-		÷ 3		st			
STATIC WATER LE	VEL (FT):		24	. <i>[.</i>	4		MEAS	URIN	VG I	POINT	DESC	RIPTIO	N:	7	X		
WATER LEVEL MEA	SUREMENT	METHO	D: <u>១</u>	olii	nst wat	er f	<u>arob</u> e purg	E ME	ETHO	oo: 👍	WYS	fali	<u></u>		·	old-old-old-old-old-old-old-old-old-old-	
TIME START PURG	E: <u>2</u>	YO P	OM)	······································	25)	2000 <b>0000000</b>	PURG	E DE	EPTI	ر (FT) ا		227	1 5	4		nada vasa sa	
TIME END PURGE:		40	CONTRACTOR MANAGEMENT				ALTHAROGENOUGH				- Committee - Comm	<del>ne skreintertet, da</del> n		SAMEZHUR KOZNÍMANU			·
TIME SAMPLED: _	H	50		18	540												
COMMENTS: 30	asing		2.5	5	allons		Samp	6d	1	146	<u>ව</u> /	1451	ز_	COX	afin	ve	in the second
punge @1310																	
WELL VOLUME CALCULATION (FILL IN	TOTAL D	1			EPTH TO TER (FT)		WATER COLUMN (F	- 1				PLIER I				_	.53all ING VOLUM (GAL)
BEFORE PURGING)	29.3	30		2	4.14	=	5.16		X	0.16	) (	).64	1	. 44	=	0	-82
TIME		21	š /		310		315	3	20	<u>)</u>	3	25		3:	30		34°0
VOLUME PURGED (G	AL)	-							1 +	·-		1+		_			2.5
PURGE RATE (GPM)	ı				0.2SL		0.3l	0		35L	0.	325	Q	0.3	25 Q		0.325
TEMPERATURE (°C)			74		13.20		2.75			7(		.66		12.3	_		12.60
pH	COOPER MINISTER MANAGEMENT AND	7.2	12		7.46	1	7.34			36		36			34	_ _	7.48
SPECIFIC CONDUCTIVITY ( <u>mi</u> (uncorrected)	cromhos)	45	5)		448		146		14		***************************************	45	-	4/2			445
DISSOLVED OXYGEN	(mg/L)	7.8	3.2		7.45		7. 34	8	<b>-</b>	7(	8.0	18		9.4	Z		11.78
eH(MV)Pt-AgC1 re	5-11-6	-6	Ų	_	51.7		(1.3	(,	04		7	1.8		77	8		<b>%</b> 0.3
TURBIDITY/COLOR					Slear		Clear		Lec		U	Cor		Cle	w	-	Clear
ODOR	A CONTRACTOR OF THE CONTRACTOR		<del>didan</del> ya amusa masaa	_	hore	1	none		0W		no	)W	-	nov	-	- -	non
DEPTH OF PURGE INTAKE (FT)					227		~27	2	2	1	1	27		~	21	_	-27
DEPTH TO WATER D	URING		na <u>na prabio di S</u>	-	27	1	24	~	2	T	<u>〜</u>	21	-	2	H	-	277
NUMBER OF CASING VOLUMES REMOVED		Control photography of the control		- -						·						-	3
DEWATERED?					NG		<b>\</b> ^0	n	U		N	0	- Contraction of the Contraction	no			10
-43.1 (5-89)		Sam	Act-			1								(1	SGO.	 [) F	age 1 of



Groundwater M	onitori	ng Heco	rd (Min	imai Drawdo	own)	Ke	iiiieay/J	enks Co	nsulta
Date:	(	06/24/05				Number:_	94	-1	
Weather: $\angle / \angle $	9/ N	111d5			Monu	ument Type	e: Abov	e Ground	
Project Name:		BNSF -	Livingstor		Well	Diameter:		2 inches	
Project Number:					Total	Casing De	epth:	38	
Sampling Personnel		mlg,	, jst			en Interval:			38
Water Level Indicate	or:	Salan	13t	****	Торо	of Casing E	Elevation:	44	52.09
Purging Method:				Name and Address of the Owner, where the Publisher of the Owner, where the Owner, which is the Owne	Depth	h to Groun	dwater:	6.60	
Sampling Method:		as	above	·	Grou	ndwater El	evation:		
Sampling Device:						Casing Vol			
Pump Intake Depth:					Depth	n to NAPL:	NA		
Water Disposal:		Drums			NAPL	_ Thicknes	s: <u>NA</u>		
					G	allons per	Foot of W	/ell Casin	g:
Water Quality Mete	r(s)	Model	Calibrati	on Date/Tim	1 <b>e</b> 2-	-inch = 0.16	3 gal/ft	4-inch =	0.64 ga
Temperature:	Υ	'SI Multi	6/24/05	1400	6-	inch = 1.44	f gal/ft		
рН		'SI Multi	, ,	apartic 1, 1, 10, 10, 10, 10, 10, 10, 10, 10, 1			QA/QC S	Samples	
Eh:	Υ	'SI Multi		is it and to constitute		/pe		Sam	ple ID
Spec. Conductance:	Y	'SI Multi		of the control of	ВІ	ind Duplica	ate		
Dissolved Oxygen:		'SI Multi		Constitution of the consti	Tr	ip Blank	1	With Batch	1
Turbidity:	h	ach '°		V	Ed	quipment B	lank I	Vone	
Other:			none		Ot	ther	1	Vone	
			Sa	mple Conta Bottle T VOA		Р	reservativ	re	
VOC - EPA 524.2	16,	15		Bottle 1 VOA	Гуре		reservativ HCL	re l	Number 3
	161	15		Bottle 1	Гуре			/e	
VOC - EPA 524.2	1bi	/5		Bottle 1 VOA	Гуре			7e	3
S m m///				Bottle T VOA	Гуре				3 Samp
Parameter Flow Rate	start	5 Mins	10 Mins	Bottle T VOA	Гуре		HCL		3 Samp
Parameter Flow Rate Water Depth	5 /a / 1 0 Mins	5 Mins 1 0.5 L/M 6.59	10 Mins	Bottle T VOA  15 Mins  10.5L/m 6.61	20 Mins 0.54M		HCL		3 Samp
Parameter Flow Rate Water Depth	5 /a / 1 0 Mins	5 Mins 1 0.5 4/m 6.59 9.38	10 Mins	15 Mins 10.54/m 6.61 9.83	20 Mins  0.54M 6.63 9,26		HCL		3 Samp
Parameter Flow Rate Water Depth Femperature DH	5 /a / 1 0 Mins	5 Mins 1 0.5 L/M 6.59 9.38 6.42	10 Mins	Bottle T VOA  15 Mins  10.5L/m 6.61	20 Mins 0.54M		HCL		3 Samp
Parameter Flow Rate Water Depth Femperature DH	5 /a / 1 0 Mins	5 Mins 1 0.5 4/m 6.59 9.38	10 Mins 1 0 5 L/M 4 6 0 9 2 2	15 Mins 10.54/m 6.61 9.83	20 Mins  0.54M 6.63 9,26		HCL		3 Samp
Parameter Flow Rate Water Depth Femperature OH Sp. Conductance	5 /a / 1 0 Mins	5 Mins 1 0.5 L/M 6.59 9.38 6.42 246	10 Mins 1 0 5 4 / 10 4 . 60 9 . 2 2 6 . 7 4	15 Mins 10,54/m 6,6/ 9,83 6,28	20 Mins  0.54M 6.63 9,86 6.89		HCL		3 Samp
	5 /a / 1 0 Mins	5 Mins 1 0.5 L/M 6.59 9.38 6.42 246 -	10 Mins 1 0 5 L/m 4.60 9.82 6.74 350	15 Mins 10,54/m 6,6/ 9,83 6,28	20 Mins  0.54M 6.63 9,86 6.89		HCL		3 Samp
Parameter Flow Rate Water Depth Femperature OH Sp. Conductance	5 /a / 1 0 Mins	5 Mins 1 0.5 L/M 6.59 9.38 6.42 246	10 Mins 1 0 5 4 / 10 4 . 60 9 . 2 2 6 . 7 4	15 Mins 10,54/m 6,6/ 9,83 6,28	20 Mins  0.54M 6.63 9,86 6.89		HCL		3

Groundwater M	onitori	ing Rec	ord (Mir	nimal Drawd	down)	Ke	nnedy/Je	enks Co	nsultants
Date:	(	06/2 <i>51</i> 05			Well	Number:		94-2	
Weather: c/e	V	VING	75	<b>.</b>	Mon	ument Typ	e: Abov	e Ground	***************************************
Project Name:		BNSF	- Livingsto	<u>n</u>	Well	Diameter:		2 inches	
Project Number:	**************************************	059	96021.16		Tota	Casing D	epth:	39.2	2
Sampling Personnel		mlg	g, jst		Scre	en Interval			
Water Level Indicato	r:	50/0	10/2/		Тор	of Casing I	Elevation:	445	59.05
Purging Method:		Minimal	Drawdown	1		h to Groun			
Sampling Method:		as	s above			ındwater El			
Sampling Device:		Bladde	r Pump			Casing Vol			
Pump Intake Depth:				-	_ Dept	h to NAPL:			
Water Disposal:		Drums			NAP	L Thicknes	s:		
					G	allons per	Foot of V	/ell Casin	g:
Water Quality Meter	r(s)	Model	Calibrati	on Date/Ti					0.64 gal/ft
Temperature:	Y	'SI Multi	4/25/05		6-	-inch = 1.4	4 gal/ft		
pH	Y	'SI Multi		an III TO CO a delate			QA/QC S	amples	······································
Eh:	Y	'SI Multi			T	ype		Sam	ple ID
Spec. Conductance:	Y	'SI Multi		- Constitution of the Cons	В	lind Duplica	ate		
Dissolved Oxygen:	Υ	SI Multi			T	rip Blank	V	Vith Batch	
Turbidity:	h	ach			E	quipment E	Blank N	lone	
Other:			none	$\underline{\hspace{1cm}}$	0	ther	N	lone	
	· · · · · · · · · · · · · · · · · · ·		Sa	mple Cont	ainare				
Analysis				Bottle		Тр	reservativ	6 I I	Number
VOC - EPA 524.2				VOA	Турс	-	HCL	6 1	3
		- weekle							
Sample	<del>1-0%</del>	<b>30</b>			***************************************		***************************************		
					ž				
<u> </u>		<u> </u>							
Starte	<u> 199</u>	<u> 46 – </u>			T	·	T		
Parameter	<b>∲</b> Mins	5 Mins	10 Mins	15 Mins	20 Mins	25 Mins	30 Mins	35 Mins	Sample
Flow Rate L/Min	0.5	0.4	0,4	0.4	0.4				Time 1930
Water Depth	u ad	4.29		4,28	4.28				0900
Temperature	10.98	10,56		10.58	10,61				
pH	6.43	6.30	-		659				
Sp. Conductance	788	290		100/	291				
DO	6. 23	4,61	2,54	3,87	3,67				
	W. W. J	140	1 3104	3,0/	714/1	<u> </u>			
ICH I			1	l l		1		1 1	
Eh ORP	4154	11/2 2	157 \$	1.15/	. 759				
ORP	+154	162,0		+/5/	+159				
	4 154	162.0	2.1	1.6	1.7				

AND THE RESIDENCE OF THE PARTY		_			nal Drawdov	/(1)			nnedy/J			
Date:	06	8/ <i>25/</i> 05				We	l Nun	nber:	92	-2	i <del>m Nerosco</del> on, p. 240.00	4-2-3
Weather: ८/៥	41 /19	At a.	en c. j			Mor	numei	nt Type	:Abo	ve Gro	und	
Project Name:	ŕ	BNSF -	Living	ston		We	l Diar	neter:	******************************	2 inch	es	
Project Number:									oth:			
Sampling Personnel:		, mlg,	jst									o 27
Water Level Indicator	r: <u> </u>	9/091	5 /			Тор	of Ca	asing El	evation:		446	1.29
Purging Method:									water:			
Sampling Method:		as	above	)		Gro	undw	ater Ele	vation:			
Sampling Device:								ng Volu				
Pump Intake Depth:						Dep	th to	NAPL:	que			
Water Disposal:		Drums				NAF	L Th	ickness	• • • • • • • • • • • • • • • • • • •			
-						(	Gallo	ns per	Foot of \	Vell Ca	sing	=
Water Quality Meter	(s) I	Model	Calib	ratio	n Date/Time	•	2-inch	= 0.16	gal/ft	4-in	ch =	0.64 ga
Temperature:	YS	SI Multi	6/2	5	1	7 (	3-inch	= 1.44	gal/ft			
рН	YS	SI Multi	11						QA/QC	Sampl	es	
Eh:	YS	SI Multi				T F	Гуре				Samp	le ID
Spec. Conductance:	YS	SI Multi					3lind	Duplica	te		***************************************	
Dissolved Oxygen:	YS	SI Multi					Ггір В	lank		With E	atch	
Turbidity:	ha	.ch			1/		Equip	ment Bl	ank	None		
Other:			n	one	V		Other			None		
				San	nle Contai	nore		**************************************		-		·····
Δnalveis				San	nple Contai			l Pi	eservati	va		lumbei
Analysis VOC - EPA 8260				San	nple Contai Bottle T VOA			Pi	reservati HCL	ve	<u> </u>	lumbei 3
VOC - EPA 8260				San	Bottle T			Pi		ve	N	
VOC - EPA 8260	103	0		San	Bottle T			Pı		ve	N	
	103	0		San	Bottle T			Pi		ve	N	
	103	0		San	Bottle T			Pı		ve	N	
VOC - EPA 8260	103	0		San	Bottle T			Pı		ve	N	
VOC - EPA 8260	103	O		San	Bottle T			Pı		ve	N	
VOC - EPA 8260	103	0		San	Bottle T			Pı		ve	N	
YOC - EPA 8260		0		San	Bottle T			Pı		ve	N	
VOC - EPA 8260	103	<i>O</i>		San	Bottle T			Pi		ve	N	3
Starte		/ 5 Mins	101	San	Bottle T		s 25	Pi			Mins	Samp
Start (c	/100 O'Mins amin 0.5	/ 5 Mins	0.2	Mins	Bottle T	уре	s 25		HCL			3 Samp
Start (c  Parameter  Flow Rate	/00 01Mins 2100	5 Mins 0,5	0, 3	Mins	Bottle T VOA	/pe 20 Min	s 25		HCL			3 Samp
Starte  Parameter  Flow Rate  Water Depth	/00 •Mins • 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 Mins 0,5 4,60 9.8	012	Mins	Bottle To VOA  15 Mins	20 Min	s 25		HCL			3 Samp
Steart (c  Steart (c)  Parameter  Flow Rate  Water Depth  Temperature	/00 •Mins • 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 Mins 0,5 4,60 9.8	01: 4.5	Mins	15 Mins  0, 5 4.6/ 9.33	20 Min	s 25		HCL			
Steed (c  Steed (c)  Parameter  Flow Rate  Water Depth  Temperature  pH	/100 •Mins > 200 0.5 4.60	5 Mins 0,5 4,60 9.88	0, 3	Mins 5 9 9 4 8 4	15 Mins 0,5 4,6/ 9,33	20 Min	s 25		HCL			3 Samp
Stant (c  Stant (c)  Parameter  Flow Rate  Water Depth  Temperature  pH  Sp. Conductance	/00 <b>Offins</b> <b>3</b> 4 60 <b>8</b> 9 6 8 9 3 5 1	5 Mins 0,5 4,60 9.8	9.0 4.5 9.0 4.0	Mins 5 9 9 4 8 4 9 5 5	15 Mins 0, 5 4.6/ 9.33 6.84 406	20 Min 1.5 7.60 9.34 4.89	s 25		HCL			3 Samp
Stante  Stante  Stante  Stante  Parameter  Flow Rate  Water Depth  Temperature  pH  Sp. Conductance  DO	/100 2 Mins 2 Mins 2 Mins 4 60 8 9 6 8 9	5 Mins 0,5 4,60 9.84 3.48	9.0 4.5 9.0 4.0	Mins 5 9 9 4 8 4	15 Mins 0,5 4,6/ 9,33	20 Min	s 25		HCL			3 Samp
Stanta  Stanta  Stanta  Stanta  Parameter  Flow Rate  Water Depth	/00 <b>Offins</b> <b>3</b> 4 60 <b>8</b> 9 6 8 9 3 5 1	5 Mins 0,5 4,60 9.84 3.48	9.0 4.5 9.0 4.0	Wins 5 9 94 84 95 94 3	15 Mins 0,5 4,6/ 9,33 6,84 406 1,40	20 Min 1.5 7.60 9.34 4.89	S 25		HCL			3 Samp

				imal Drawdov	vn)	Ken	nedy/Je	nks Cor	nsultar
Date:	06	145/05			Well f	Number:	89-2	2	
Date:	u/ B	U5				ment Type			
Project Name:		BNSF -	Livingstor		Well [	Diameter:	2	inches	
Project Number:		0596	3021.16			Casing De			
Sampling Personnel: Water Level Indicator		mlg,	jst			n Interval:			
Water Level Indicator	: <u> </u>	Algal	st		Top o	f Casing E	levation: _	448	3.09
Purging Method:						to Ground			
Sampling Method:		as	above			ndwater Ele			
Sampling Device:	MONTH TO THE PARTY OF THE PARTY	Bladder	Pump		Wet C	Casing Volu	ıme:		
Pump Intake Depth:_					Depth	to NAPL:			
Water Disposal:					NAPL	Thickness	s:		
					Ga	allons per			
Water Quality Meter	(-/	lodel	Calibration	on Date/Time		nch = 0.16		4-inch =	0.64 gal/
Temperature:	YS	I Multi	6/25	0 890	6-i	nch = 1.44	-		
рН	YS	I Multi	7				QA/QC Sa	amples	
Eh:	YS	l Multi			Ту	ре		Samp	ole ID
Spec. Conductance:	YS	I Multi			Bli	nd Duplica	te		
Dissolved Oxygen:	YS	I Multi	Photograph (		Tri	p Blank	M	Vith Batch	
Turbidity:	had	ch		<u> </u>	Eq	uipment B	lank N	lone	
Other:			none	7	Otl	her	N	lone	
			Sa	mple Contai	nare		***************************************		
Analysis			<del></del>						
			ı	Bottle Ty	me	l Pi	'eservative	ອ ! <i>ໄ</i> /	liimher
VOC - EPA 524.2				Bottle Ty VOA	/pe		reservative HCL	e r	Number 3
VOC - EPA 524.2	1126	7			/pe			e r	
	1126	7			/pe			e r	
	1126	7			/pe				
		7			/pe				3
Sumple		7 5 Mins	10 Mins	VOA	/pe			35 Mins	
Sumple	1058 @Mins		0.4	VOA  15 Mins			HCL		3 Sampl
Stgv1(c Parameter	1058 & Mins 3mg	5 Mins 0, 35	0.4	VOA  15 Mins  2 4 4 3 3 3 1			HCL		3 Sampl
Startle Startle Parameter Flow Rate 4 M	1058 Mins 2mg 0,4 2331 13,38	5 Mins	0.4 20.21 13.38	VOA  15 Mins  0 4  27.21  13.38			HCL		3 Sampl
Stante Stante Parameter Flow Rate & M Water Depth	1058 & Mins 3mg	5 Mins 0, 35	0.4	VOA  15 Mins  2 4 4 3 3 3 1			HCL		3 Sampl
Stante  Stante  Stante  Stante  Parameter  Flow Rate   Water Depth  Temperature	1058 Mins 2mg 0,4 2331 13,38 7.12 327	5 Mins 0, 35 20.00 13,35 7,12 320	0.4 20.21 13.38 7.13 3 25	VOA  15 Mins  0 4  27.21  13.38  7.15  324			HCL		3 Sampl
Standle  Standle  Standle  Parameter  Flow Rate & M  Water Depth  Temperature  pH	1058 & Mins 2mg 0,4 22,7 13,38 7,12	5 Mins 0, 35 38.00 13.35 7.18	0.4 20.21 13.38 7.13 3 25	VOA  15 Mins :  0			HCL		3 Sampl
Standle  Standle  Standle  Parameter  Flow Rate 4/ M  Water Depth  Temperature  pH  Sp. Conductance	1058 Mins 2mn 0,4 227 13.38 7.12 327 6.34	5 Mins 0, 35 30.00 13,35 7,12 326 6,42	0.4 20.61 13.38 7.13	VOA  15 Mins  0 4  27.21  13.38  7.15  324			HCL		3 Sampl
Standle  Standle  Standle  Parameter  Flow Rate & M  Water Depth  Temperature  pH  Sp. Conductance  DO	1058 Mins 2mg 0,4 2331 13,38 7.12 327	5 Mins 0, 35 20.00 13,35 7,12 320	9.4 20.01 13.38 7.13 3 25 6.51	VOA  15 Mins  0 4  27.21  13.38  7.15  324			HCL		3 Sampl
Stantle  Stantle  Parameter  Flow Rate & M  Water Depth  Temperature pH  Sp. Conductance  DO  Eh	1058 Mins 2mn 0,4 227 13.38 7.12 327 6.34	5 Mins 0, 35 30.00 13,35 7,12 326 6,42	7.13 3 as 6.51	VOA  15 Mins  0			HCL		3 Sampl

Groundwater Mo	nitorin	g Reco	rd (N	/linimal Dra	.wdown)	)	Kei	nedy/Je	nks Co	nsultants
Date:	06	5 <i>125</i> /05				Well l	Number:	L-88	3-10	Maria de la companya
Weather: Clock	- 20	>			Parking and a second	Monu	ment Type	: Above	Ground	
Project Name:				ton		Well I	Diameter:	2	inches	
Project Number:		059	6021.16	3		Total	Casing De	pth:	31	
Sampling Personnel:		mla.	ist				n Interval:			
Water Level Indicator	: 5	alan13	+			Тор о	f Casing E	levation:	448	3.56
Purging Method:		Minimal I	Drawdo	wn		Depth	to Ground	lwater: ਕੋਰ	1,23/23,	7609517
Sampling Method:	·····	as	above			Grour	ndwater Ele	evation:	,	
Sampling Device:					<del>Managaman and a</del>	Wet C	Casing Volu	ıme:		
Pump Intake Depth:_			***************************************	***************************************			to NAPL:			
Water Disposal:		Drums		· · · · · · · · · · · · · · · · · · ·			. Thickness			
						Gá	allons per	Foot of W	ell Casing	j:
Water Quality Meter(	s)	Model		ation Date		2-i	inch = 0.16	gal/ft	4-inch =	0.64 gal/ft
Temperature:	YS	SI Multi	6/25	080	70	6-i	inch = 1.44	gal/ft		
pH	Y5	SI Multi		1				QA/QC S	amples	
Eh:	Y8	SI Multi				Ту	ре		Samp	ole ID
Spec. Conductance:	YS	SI Multi		1//		Bli	ind Duplica	te		
Dissolved Oxygen:	YS	SI Multi		1/		Tri	ip Blank	v	Vith Batch	
Turbidity:	ha	ıch		<u> </u>		Ec	uipment B	lank N	lone	
Other:			no	ne		Ot	her	N	lone	
				Comple C	ontoine					
Analysis				Sample Co						La casa da se us
Analysis VOC - EPA 8260	A			VO.	ttle Typ	<u>e</u>	Pi	reservative HCL	9   r	Number 3
	124	1								
Sample	101K	<i></i>								
					····	w				
Start Ca	1145									
Parameter	<b>Ø</b> Mins	5 Mins	10 M	ins   15 Mi	ins 20	Mins	25 Mins	30 Mins	35 Mins	Sample
*	<u> </u>								1	Time
Flow Rate	0.3	0,3	0.3	0.4		), 3	0.3			12:10
	23.27	23.27		h-wa		3.a7	23.27			
Temperature	13.52	13.83	13 d			3,25	13.27			
pH	7.23	6.94	6,87	7 6.2	0 6.	87	6.86			
Sp. Conductance	522	527	51/2			70	515			
DO	2.40	1.01	1.20	7 1.70	7 6	1.95	1.10			
Eh								***************************************		198
ODD I	172	1.120		7	/% I	100	. 100		, 1	

Turbidity

Notes: Sample (a 1210

	ionitorir	ig Reco	rd (Minir	mal Drawdo	own)	Ke	nnedy/Je	nks Cor	ısultar
Date:	06	5/25/05			We	ll Number:	Rai	nbow	
Weather: 2/0	ar H	<u> 15</u>	non-parametrikki (* * * * * * * * * * * * * * * * * * *		Mo	nument Typ	e: Above	Ground	
Project Name:					_ We	ell Diameter:		2 inches	
Project Number:		0596	6021.16		_ Tot	al Casing D	epth:	24	
Sampling Personnel					Sci	een Interva	*	unknowr	)
Water Level Indicate	or:	nonp		-4		o of Casing			
Purging Method:	wellp.	im() (c	enta	tusy	-	pth to Grour			
Sampling Method:	10	1-40			Gro	oundwater E	levation: _		
Sampling Device:		Тар		·	-	t Casing Vo			
Pump Intake Depth:				····	De	oth to NAPL	•		
Water Disposal:					NA	PL Thicknes	ss:		
						Gallons pe	r Foot of W	ell Casing	g:
Water Quality Mete	er(s) l	Model	Calibratio	n Date/Tin	ne	2-inch = $0.1$		4-inch =	0.64 gal
Temperature:	YS	SI Multi	6/25	0890		6-inch = 1.4			
pH	Y	SI Multi	<u>\</u>				QA/QC S	amples	
Eh:		SI Multi				Туре		Samp	ole ID
Spec. Conductance:		SI Multi	The state of the s	<u> </u>		Blind Duplic			
Dissolved Oxygen:	YS	SI Multi	/	/		Trip Blank	V	Vith Batch	
Turbidity:	ha	ch	V			Equipment	3lank N	lone	
Other:			none			Other	<u> </u>	lone	
VOU - EFA 324.2				VOA	Гуре		Preservativ HCL		3
Sample	123	0		VOA					3
Sample	/340 @Mins	5 Mins	1,6 Mins	VOA	20 Mir	ns 25 Mins	HCL	35 Mins	Sampl
S & MJ (iii) Parameter	1340 Mins Sma		100 Mins			ns 25 Mins	HCL	35 Mins	Sampl
Parameter Flow Rate SM	/340 @Mins					ns 25 Mins	HCL	35 Mins	Samp
Parameter Flow Rate SIM Water Depth	1340 Mins 3m1 7-10+	440000000000000000000000000000000000000	8	15 Mins		ns 25 Mins	HCL	35 Mins	Samp
Parameter Flow Rate SMM Water Depth Temperature	1340 Mins Sma	10.12	10.18	15 Mins		ns 25 Mins	HCL	35 Mins	Sampl
Parameter Flow Rate SIM Water Depth Temperature pH	1340 Mins 3m1 7-10+	10.12	10.18	15 Mins -> ->>		ns 25 Mins	HCL	35 Mins	Samp
Parameter Flow Rate  Water Depth Temperature pH Sp. Conductance	1240 <b>9Mins</b> 2min *10+ 10.20 7.16 135	10.12 7.01 433	10.18	15 Mins -> -> -> -> -> -> -> -> -> -> -> -> ->		ns 25 Mins	HCL	35 Mins	Samp
Parameter Flow Rate GM Water Depth Temperature pH Sp. Conductance	1390 Mins 3min 710+	10.12	10.18	15 Mins -> ->>		ns 25 Mins	HCL	35 Mins	Sampl
Parameter Flow Rate Soft Water Depth Temperature pH Sp. Conductance DO Eh	1340 Mins 3mn 710+ 10.20 7.16 435 2.45	10.12 7.01 433 1.68	10.18 7.00 4.33 1.70	15 Mins -> -> -> -> -> -> -> -> -> -> -> -> ->		ns 25 Mins	HCL	35 Mins	Sampl
Parameter Flow Rate GM Water Depth Temperature pH Sp. Conductance	1240 <b>9Mins</b> 2min *10+ 10.20 7.16 135	10.12 7.01 433	10.18	15 Mins -> -> -> -> -> -> -> -> -> -> -> -> ->		ns 25 Mins	HCL	35 Mins	Sampl

#### Groundwater Monitoring Record (Minimal Drawdown) Kennedy/Jenks Consultants 06/25/05 Date: Well Number: Weather: closes thunker hosels Monument Type: Below Ground Project Name: \_\_\_\_\_\_ BNSF - Livingston Well Diameter: 2 inches 0596021.16 Total Casing Depth: 24.3 Project Number: Screen Interval: 14.3 to 24.3 Sampling Personnel: mlg, jst 50/0 ncs Top of Casing Elevation: 4488.26 Water Level Indicator: Purging Method: Minimal Drawdown Depth to Groundwater: 17.98 Groundwater Elevation: Sampling Method: as above Sampling Device: Peristaltic Pump Wet Casing Volume: Pump Intake Depth: Depth to NAPL: Drums Water Disposal: \_\_\_\_\_ NAPL Thickness: Gallons per Foot of Well Casing: Water Quality Meter(s) Model **Calibration Date/Time** 2-inch = 0.16 gal/ft 4-inch = 0.64 gal/ft Temperature: 4/25 080 YSI Multi 6-inch = 1.44 gal/ft рΗ YSI Multi **QA/QC Samples** Eh: YSI Multi Type Sample ID Spec. Conductance: YSI Multi Blind Duplicate Dissolved Oxygen: YSI Multi Trip Blank With Batch Turbidity: hach Equipment Blank None Other: none Other None Sample Containers Analysis **Bottle Type Preservative** Number VOC - EPA 524.2 VOA HCL 3 Sando 15th Start 14,38 Sample Parameter Mins 5 Mins 10 Mins 15 Mins 20 Mins 25 Mins 30 Mins 35 Mins 2/110 Time Flow Rate 0.4 0.5 0.4 0.4 0.4 0,4 0.4 1510 18.00 17.99 17.99 17.99 Water Depth 17.99 17.99 Temperature 11.65 11.53 11,59 11.53 11.67 11.74 7.05 7.05 Hq 7.24 7.10 7,05 7 04 7.05 Sp. Conductance W/A 614 414 614 615 616 DO 4.59 4.36 4,24 Eh ORP +100 +104 +110 +114 +116.8 +119 + 121.1 704 Turbidity 205 92.3 169.8

			ord (Mini				<u>Ker</u>	iiicuyiu	enks Co	i i Suitai i
Date:	0	6/ <i>d5</i> /05			_ V	Vell N	lumber:	6		
Weather:	1 0/0-	d-, \$	<u> </u>		_ ^	/lonur	nent Type	e: Belo	w Ground	
Project Name.		<u>BNSF -</u>	Livingston			Vell D	)iameter:	MONADORANIA SOCIONA CARDA CONTRADA CONT	2 inches	
Project Number:		059	6021.16		_ T	otal (	Casing De	epth:	12.6	3
Sampling Personnel					_ S	Scree	n Interval:		2.6 to 12.6	
Water Level Indicate	or:				_ T	op of	Casing E	levation:	446	8.42
Purging Method:		Minimal I	Drawdown						3,91	
Sampling Method:		as	above		_	iroun	dwater Ele	evation:		·
Sampling Device:					_	Vet C	asing Volu	ume:		
Pump Intake Depth:	*		***************************************			epth	to NAPL:			
Water Disposal:		Drums		····	_ ^	IAPL	Thickness	s:		·····
									Vell Casin	-
Water Quality Mete	- \ - /	Model							4-inch =	0.64 gal/
Temperature:		SI Multi	6/25	0801		6-ir	nch = 1.44			
pH	***************************************	SI Multi	<u> </u>	1				QA/QC S	Samples	
Eh:		SI Multi		<u> </u>		Ту	Э		Sam	ple ID
Spec. Conductance:		SI Multi		<u> </u>			nd Duplica			
Dissolved Oxygen:		SI Multi	\'/				Blank		With Batch	
Turbidity:	h	ach					uipment B		None	
Other:			none			Oth	er		None	
		·	San	nple Conta						
				inpie Conta	uners	i	******************************			
Analysis				Bottle '			Pi	reservativ	/e   I	Number
Analysis VOC - EPA 524.2							Pi	reservativ HCL	/e I	Number 3
VOC - EPA 524.2	1690	7		Bottle '	Гуре		Pı		/e I	
	1600	7		<b>Bottle</b> VOA	Гуре		Pi		/e I	
VOC - EPA 524.2	'6ÔC	2		<b>Bottle</b> VOA	Гуре		Pı		/e   I	
VOC - EPA 524.2	'600	)		<b>Bottle</b> VOA	Гуре		Pı		/e I	
VOC - EPA 524.2	'6ÔC	7		<b>Bottle</b> VOA	Гуре		Pi		/e   I	
VOC - EPA 524.2	'6ÔC	)		<b>Bottle</b> VOA	Гуре		Pı		/e I	
VOC - EPA 524.2	'6ÔC	)		<b>Bottle</b> VOA	Гуре		Pi		/e I	
VOC - EPA 524.2		7		<b>Bottle</b> VOA	Гуре		Pi		/e I	
Sample 1		)		<b>Bottle</b> VOA	Гуре		Pi			Sample
Sample 1 State  State  Parameter	1540	)		Bottle VOA	Гуре 20 М	lins		HCL		Sample Time
Sample 1  State  Parameter  Flow Rate 4/m	/S F() Ø Mins	5 Mins	10 Mins	Bottle VOA	20 M	lins		HCL		Sample
Sample 1 Sample 1 State Parameter Flow Rate 4/m Water Depth	# 15 40 # Mins	5 Mins 0,5 3,91	10 Mins	15 Mins  ∅, ∀  3,9/	20 M	lins		HCL		Sample Time
Sample 1 Sam	/5 40 øMins 2 0.5 3.9 d	5 Mins 0,5 3,91 11,96	10 Mins 0. 4 3.91 12.1b	15 Mins 0. 4 3.91 13.19	20 M 0, 7 3,9 N	lins /		HCL		Sample Time
Sample 1 Sam	1540 ØMins 0.5 3.92 12.74	5 Mins 0.5 3.91 11.96	10 Mins 0. 4 3.91 12.16 6.98	15 Mins 0. 4 3.91 12.19 6.98	20 M 0,7 3,9 I 12 ス	lins /		HCL		Sample Time
Sample 1 Sam	1540 & Mins 0.5 3.92 12.74 7.38	5 Mins 0,5 3,91 11,96 7,13	10 Mins 0. 4 3.91 12.1b	15 Mins 0. 4 3.91 12.19 6.98	20 M 0, 7 3,91 12,7 12,7 13,7	lins /		HCL		Sample Time
Parameter Flow Rate 4/m Water Depth Temperature pH Sp. Conductance DO	1540 &Mins 0.5 3.92 12.74 7.38 4.32	5 Mins 0.5 3.91 11.96 7.13 423	10 Mins 0.4 3.91 12.1b 6.98 426	15 Mins 0. 4 3.91 12.19 6.98	20 M 0,7 3,9 I 12 ス	lins /		HCL		Sample Time
Sample 1 State  State  Parameter	1540 &Mins 0.5 3.92 12.74 7.38 4.32	5 Mins 0.5 3.91 11.96 7.13 423	10 Mins 0.4 3.91 12.1b 6.98 426 3.10	15 Mins 0. 4 3.91 12.19 6.98	20 M 0, 7 3,91 12,7 43,1	lins /		HCL		Sample Time
VOC - EPA 524.2  Sample 1  Sample 1  State 1  Parameter  Flow Rate 1/m  Water Depth  Temperature  pH  Sp. Conductance  DO  Eh	1540 & Mins 0.5 3.92 12.74 7.38 4.32 4.83	5 Mins 0.5 3.91 11.96 7.13 423 3.46	10 Mins 0.4 3.91 12.1b 6.98 426	15 Mins 0. 4 3.91 12.19 6.98 426 3,39	20 M 0, 7 3,91 12,7 12,7 13,7	lins /		HCL		Sample Time

								ALL PROPERTY CONTRACTOR AND ADDRESS OF THE		24744	
Groundwater M	onitorin	ig Reco	<b>rd</b> (Mini	mal Drawdo	own)		Ke	nnedy/	Jenks	s Coi	nsultant
Date:	00	6/ <i>} (</i> /05			_ \	Vell l	Number:	L	-88-13		
Weather: (19/	1 7	705			N	/lonu	ment Type	e: <u>Ab</u> c	ove Gro	ound	
Project Name:		BNSF -	Livingston	E-TO-F-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-	_ ۷	Vell I	Diameter:		2 inch	nes	
Project Number:					_ T	otal	Casing De	pth:		40.5	
Sampling Personnel Water Level Indicato	4 *	mlg,	jst <sub>t</sub>		_ 8	Scree	n Interval:			30.5	to 40.5
Water Level Indicato	or:	5010-	11 3 T		_ T	ор о	f Casing E	levation:	MINIMANOWingsencon	449	1.39
Purging Method:	<del>rwicht of the total and the total of the to</del>	Minimal I	Drawdown		_ [	Depth to Groundwater: 33,53					
Sampling Method:		as	above		_	Groundwater Elevation:					
Sampling Device:					_	Vet C	Casing Vol	ume:		<del></del>	
Pump Intake Depth:	<del></del>		·		_ [	epth	to NAPL:				
Water Disposal:		Drums		******			Thickness				
						Ga	allons per	Foot of	Well C	asing	:
Water Quality Meter	r(s)	Model	Calibratio	on Date/Tim	ne	2-i	nch = 0.16	6 gal/ft	4-ir	nch =	0.64 gal/ft
Temperature:	- 7 - 7 V 7 C				7	6-i	nch = 1.44	l gal/ft			
рН	YSI Multi							QA/QC	Samp	les	
Eh:	Y	SI Multi				Ту	ре			Samp	ole ID
Spec. Conductance:						Bli	nd Duplica	ıte			
Dissolved Oxygen:	YS	SI Multi	1			Tri	p Blank		With E	3atch	
Turbidity:	ha	ıch				Eq	uipment B	lank	None		
Other:			none	/		Otl	er		None		
			Sar	mple Conta	iners	-	90497-000000 HELLINGS				
Analysis				Bottle 1			l p	reservat	ive	T	lumber
VOC - EPA 8260				VOA	700			HCL		+ :	3
Sample,	z 10	40			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
	7										
L= dUP	(a 08	300		***************************************						<u> </u>	>
10111	<u> </u>										J
MS/MS)											2
		tellerentelmen www.arana								<b> </b>	
Start al	020	<del>oomooninineoosiaaniiii</del> iaaopa <del>jii</del> ii	<b>_</b>		**************************************				***	<u></u>	
Parameter	Ø Mins	5 Mins	10 Mins	15 Mins	20 M	lins	25 Mins	30 Min	s 35 I	Wins	Sample
Flow Rate 4/M		450							_		Time
Water Depth	0.25	0,3()	0.30	<del>                                     </del>							1040
	23.54 11.71	33.54	23.54	2							
Temperature	1	11.68	111.78	11.51					-		
pH	6,49	6,32	6.9	6.66					_		
Sp. Conductance	461	461	400	459					_		
DO	a.68	2.22	1,84	1.79							

+169 34.9

+ 174 34.3

+/77 35,0

Turbidity Notes:

DO Eh

ORP

## Groundwater Monitoring Record (Minimal Drawdown) **Kennedy/Jenks Consultants** 06/46/05 Date: Well Number: 89-6 Weather: Monument Type: Above Ground Project Name: BNSF - Livingston Well Diameter: 2 inches Project Number: 0596021.16 Total Casing Depth: 40 Sampling Personnel: Screen Interval: 30 to 40 mlg, jst Water Level Indicator: \_\_\_\_\_\_ SA MA 157 Top of Casing Elevation: 4483.35 Purging Method: Minimal Drawdown Depth to Groundwater: 23.03 Groundwater Elevation: Sampling Method: as above Wet Casing Volume: Sampling Device: Peristaltic Pump Pump Intake Depth: Depth to NAPL: Water Disposal: Drums NAPL Thickness: Gallons per Foot of Well Casing: Model Water Quality Meter(s) Calibration Date/Time 2-inch = 0.16 gal/ft 4-inch = 0.64 gal/ft Temperature: YSI Multi 6-inch = 1.44 gal/ft 6/26/15 0960 pН YSI Multi **QA/QC Samples** YSI Multi Type Sample ID Spec. Conductance: YSI Multi Blind Duplicate Dissolved Oxygen: YSI Multi Trip Blank With Batch Turbidity: hach Equipment Blank None Other: none Other None Sample Containers Analysis **Bottle Type Preservative** Number VOC - EPA 524.2 VOA HCL 3 5900/0/6 Start 2:55 Sample Parameter 0 Mins | 5 Mins | 10 Mins | 15 Mins | 20 Mins | 25 Mins 30 Mins 35 Mins Time Flow Rate 0.2 0.25 0.25 1315 Water Depth 27.6322.03 23.03 23.03 17.69 12.61 Temperature 12.59 12,60 pН 7.28 7.20 7.47 7.26 Sp. Conductance *し*Sて 630 650 DO 10.83 11.01 Eh 160.7 165.6 +166 ORP Turbidity Notes: peristate produces spargill bybales - gopiex

.eiineay/	/Jenks C	Consultant		
/pe: Ab		ıd		
r:	-			
Depth:	33	3.15		
al:				
Elevation:	: 4	494.94		
undwater:				
Groundwater Elevation:				
olume:				
L:				
ess:				
er Foot of	Well Casi	ing:		
	4-inch	= 0.64 gal/ft		
44 gal/ft				
QA/QC	Samples			
	Sa	mple ID		
cate				
	With Bate	ch		
Blank	None			
	None			
Preservat	Hiva I	Number		
HCL	ive	3		
HCL		3		
npreserved	d	1		
		44		
<u> </u>				
		T		
		Sample		
s 30 Min	ıs 35 Min	181		
s 30 Min	s 35 Min	Time		
s 30 Min	s 35 Min	181		
s 30 Min	s 35 Min	181		
s 30 Min	35 Min	181		
s 30 Min	s 35 Min	ISI .		
s 30 Min	s 35 Min	181		
s 30 Min	as 35 Min	181		
s 30 Min	as 35 Min	181		
s 30	Min	MINS 35 MIN		

Water Disposal:         Drums         NAPL Thickness:           Water Quality Meter(s)         Model         Calibration Date/Time           Temperature:         YSI Multi         4-inch = 0.64 ga           pH         YSI Multi         QA/QC Samples           Eh:         YSI Multi         Type         Sample ID           Blind Duplicate         Tripe Blank         With Batch           Cother:         none         Equipment Blank         None           Other:         None         None           Sample Containers           Analysis         Bottle Type         Preservative         Number           VOC - EPA 8260         VOA         HCL         3           Methane, Ethene - RSK175         VOA         HCL         3           DOC - EPA 415.1         1 L Amber         unpreserved         1           Sample Containers         Sample Containers         Number         Number           Water Daylor         1 L Amber         unpreserved         1           Sample Containers         Number         1 L Amber         unpreserved         1           Sample Containers         Number         1 L Amber         unpreserved         1           Sample Containers         <	Weather   Color   Well Diameter   2 inches	Groundwater M			rd (N	/linimal Draw	down)		Ke	nnedy/J	lenks Co	nsulta	
Weather:	Weather:	Date:	: 06/3/6/05						Number:	89	-4	Carrier and a contract of the	
Project Name:   BNSF - Livingston   Well Diameter:   2 inches	Project Name:   BNSF - Livingston   Well Diameter:   2 inches   2	Weather: c/oc	de v	mind				Monu	ment Type	e: Belo	w Ground		
Project Number:   0596021.16   Total Casing Depth:   34.2	Project Number:	Project Name:	,	BNSF -	Livings	ton	menous a	Well I	Diameter:		2 inches		
Sampling Personnel:         mlg, jst         Screen Interval:         24.2 to 34.2           Water Level Indicator:         Monimal Drawdowh         Depth to Groundwater:         4489.86           Purging Method:         as above         Groundwater Elevation:         37.23           Sampling Method:         as above         Groundwater Elevation:         37.23           Sampling Device:         Bladder Pump         Wet Casing Volume:         Depth to NAPL:           Water Disposal:         Drums         NAPL:         NAPL:           Water Quality Meter(s)         Model         Calibration Date/Time         NAPL:         NAPL Thickness:           Gallons per Foot of Well Casing:         2-inch = 0.16 gal/ft         4-inch = 0.64 gal         4-inch = 0.64 gal           Temperature:         YSI Multi         YSI Multi         Type         Sample ID           Blind Duplicate         Trip Blank         With Batch         Trip Blank         With Batch           Dissolved Oxygen:         YSI Multi         Trip Blank         With Batch           Undertained:         Preservative         None           VOC - EPA 8280         VOA         HCL         3           Weltane, Ethane, Ethene - RSK175         VOA         HCL         3           DOC - EPA 415.	Sampling Personnel:   rilg, jst   Screen Interval:   24.2 to 34.2	Project Number:				3	<del>traductora</del>					2	
Purging Method:   Sampling Device:   Bladder Pump   Depth to NAPL:   Depth to NAPL:   Depth to NAPL:   NAPL	Purging Method:	Sampling Personnel	•	mlg,	jst		Minorano						
Sampling Method:   Bladder Pump	Sampling Method:   Bladder Pump	Water Level Indicate	or:	<u> () 10 en (</u>	35/m								
Sampling Device:   Bladder Pump	Sampling Device:   Bladder Pump   Wet Casing Volume:   Depth to NAPL:   Depth to NAPL:     Depth to NAPL:     Depth to NAPL thickness:	Purging Method:	****	Minimal I	<u> Drawdo</u>	wn	***********						
Sampling Device:   Bladder Pump	Sampling Device:   Bladder Pump   Wet Casing Volume:   Depth to NAPL:   Depth to NAPL:     Depth to NAPL:     Depth to NAPL thickness:							Grour	ndwater El	evation:			
Water Disposal:         Drums         NAPL Thickness:           Water Quality Meter(s)         Model         Calibration Date/Time           Temperature:         YSI Multi         2-inch = 0.16 gal/ft         4-inch = 0.64 ga           6-inch = 1.44 gal/ft         6-inch = 1.44 gal/ft         4-inch = 0.64 ga           6-inch = 1.44 gal/ft         6-inch = 1.44 gal/ft         CA/QC Samples           Type         Sample ID           Blind Duplicate         Tripe Blank         With Batch           Equipment Blank         None         Other           Other:         none         Sample Containers           Sample Containers           Analysis         Bottle Type         Preservative         Number           VOC - EPA 8260         VOA         HCL         3           Methane, Ethene - RSK175         VOA         HCL         3           DOC - EPA 415.1         1 L Amber         unpreserved         1           Sample Containers         Sample Containers         1           Water Day 1, 4, 5, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	Water Quality Meter(s)         Model         Calibration Date/Time         Gallons per Foot of Well Casing:           Temperature:         YSI Multi         2-inch = 0.16 gal/ft         4-inch = 0.64 ga           PH         YSI Multi         PYSI Multi         QA/QC Samples           Spec. Conductance:         YSI Multi         Pysi Multi         Pysi Multi           Turbidity:         hach         Dissolved Oxygen:         YSI Multi           Turbidity:         hach         Dissolved Oxygen:         With Batch           Equipment Blank         None         Other         None           Sample Containers           Analysis         Bottle Type         Preservative         Number           VOC - EPA 8260         VOA         HCL         3           Methane, Ethane - RISK175         VOA         HCL         3           20C - EPA 415.1         1 L Amber         unpreserved         1           Searameter         Mins         5 Mins         10 Mins         15 Mins         25 Mins         30 Mins         35 Mins         Sample           Parameter         Mins         5 Mins         10 Mins         15 Mins         25 Mins         30 Mins         35 Mins         Sample           Water De	Sampling Device:	·	Bladder	Pump		Wet Casing Volume:						
Water Disposal:         Drums         NAPL Thickness:           Water Quality Meter(s)         Model         Calibration Date/Time           Temperature:         YSI Multi         2-inch = 0.16 gal/ft         4-inch = 0.64 ga           6-inch = 1.44 gal/ft         6-inch = 1.44 gal/ft         4-inch = 0.64 ga           6-inch = 1.44 gal/ft         6-inch = 1.44 gal/ft         CA/QC Samples           Type         Sample ID           Blind Duplicate         Tripe Blank         With Batch           Equipment Blank         None         Other           Other:         none         Sample Containers           Sample Containers           Analysis         Bottle Type         Preservative         Number           VOC - EPA 8260         VOA         HCL         3           Methane, Ethene - RSK175         VOA         HCL         3           DOC - EPA 415.1         1 L Amber         unpreserved         1           Sample Containers         Sample Containers         1           Water Day 1, 4, 5, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	Water Quality Meter(s)         Model         Calibration Date/Time         Gallons per Foot of Well Casing:           Temperature:         YSI Multi         2-inch = 0.16 gal/ft         4-inch = 0.64 ga           PH         YSI Multi         PYSI Multi         QA/QC Samples           Spec. Conductance:         YSI Multi         Pysi Multi         Pysi Multi           Turbidity:         hach         Dissolved Oxygen:         YSI Multi           Turbidity:         hach         Dissolved Oxygen:         With Batch           Equipment Blank         None         Other         None           Sample Containers           Analysis         Bottle Type         Preservative         Number           VOC - EPA 8260         VOA         HCL         3           Methane, Ethane - RISK175         VOA         HCL         3           20C - EPA 415.1         1 L Amber         unpreserved         1           Searameter         Mins         5 Mins         10 Mins         15 Mins         25 Mins         30 Mins         35 Mins         Sample           Parameter         Mins         5 Mins         10 Mins         15 Mins         25 Mins         30 Mins         35 Mins         Sample           Water De	Pump Intake Depth:	***************************************		······································		×	Depth to NAPL:					
Water Quality Meter(s)   Model   Calibration Date/Time	Water Quality Meter(s)   Model   Calibration Date/Time   2-inch = 0.16 gal/ft   4-inch = 0.64 ga   Femperature:   YSI Multi   WSI Multi   WITH Balank   WITH Batch   Equipment Blank   Wone   Other:   None   WITH Balank   WITH Batch   Equipment Blank   None   Other   None   WSI Multi   WITH BALCH   Equipment Blank   None   Other   None   WSI Multi   WITH BALCH   Equipment Blank   None   Other   None   WSI Multi   WITH BALCH   SAMPLE   WOA   HCL   3   WSI Multi   WSI Multi   WITH BALCH   WSI MULTI   WSI MU	Water Disposal:		Drums	**************************************			NAPL Thickness:					
Temperature:   YSI Multi	Temperature:   YSI Multi							Ga	allons per	Foot of V	Vell Casing	g:	
PH	PH							2-i	nch = 0.16	6 gal/ft	4-inch =	0.64 ga	
Eh: YSI Multi Spec. Conductance: YSI Multi Dissolved Oxygen: YSI Multi Turbidity: hach Other: none  Sample Containers  Analysis  POC - EPA 8260  Methane, Ethane, Ethene - RSK175  Parameter  AMins 5 Mins 10 Mins 15 Mins 20 Mins 25 Mins 30 Mins 35 Mins Time Flow Rate  Water Depth Temperature  1	Eh: YSI Multi Spec. Conductance: YSI Multi Dissolved Oxygen: YSI Multi Turbidity: hach Other: none    Sample Containers	Temperature:	Υ	SI Multi	1261	NE 0902	2	6-i	nch = 1.44	l gal/ft			
Spec. Conductance:   YSI Multi   Dissolved Oxygen:   YSI Multi   YSI Multi   Turbidity:   hach   Other:   none   Dissolved Oxygen:   YSI Multi   Trip Blank   With Batch   Equipment Blank   None   Other   Ot	Spec. Conductance:   YSI Multi   Dissolved Oxygen:   YSI Multi   Trip Blank   With Batch   Equipment Blank   None   Other:   None	рН	*							QA/QC	Samples		
Dissolved Oxygen: YSI Multi   Trip Blank   With Batch   Equipment Blank   None   Other   Other   None   Other   Other   Other   None   Other   Othe	Dissolved Oxygen:   YSI Multi   Trip Blank   With Batch   Equipment Blank   None   Other:   None   Other   None	Eh:						Ту	ре		Sam	ple ID	
Turbidity: hach	Turbidity: hach Other: none    Sample Containers	Spec. Conductance:						Bli	nd Duplica	ite			
Sample Containers	Sample Containers	issolved Oxygen: YSI Multi						Tri	p Blank		With Batch		
Sample Containers   Sample Containers	Sample Containers   Sample Containers	urbidity: hach				$\searrow$		Eq	uipment B	lank	None		
Bottle Type	Start   Star	Other:			nor	ne		Ot	her				
Methane, Ethane, Ethane - RSK175  DOC - EPA 415.1  1 L Amber  Unpreserved  1  Sq. M/A (4 / 5 / 7)  Parameter  Mins 5 Mins 10 Mins 15 Mins 20 Mins 25 Mins 30 Mins 35 Mins Time  Flow Rate  0.35 0.35 0.35 0.3 0.3 0.3  Nater Depth  Remperature  1.44 11.97 12.09 12.55 11.90  DH  7.39 7.09 7.07 7.08 7.07  Sp. Conductance  5 M 5 7.67 7.78 7.79 7.69  Eh  DRP  + 20.5 + 93.3 + 97.4 + 101.1 7/03	Methane, Ethane, Ethane - RSK175  VOA  HCL 3  DOC - EPA 415.1  1 L Amber  unpreserved  1  Sq. M/A  A  B  A  B  A  B  A  B  A  B  B  B  B					Bottle	Туре		P		/e   I	Number	
DOC - EPA 415.1  1 L Amber  unpreserved  1  Sq. M. A. S. Y. S. Samp  Time  Flow Rate  0,35 0,35 0,35 0,30 0,3 0,3 0,3 0,3 0,3 0,3 0,3 0,3 0,	200C - EPA 415.1  1 L Amber  unpreserved  1  Sq. M// (4 / 5 / 5)  Parameter  Mins 5 Mins 10 Mins 15 Mins 20 Mins 25 Mins 30 Mins 35 Mins Time  Flow Rate  0,35 0,35 0,35 0,3 0,3 0,3 0,3 0,3 0,3 0,3 0,3 0,3 0,3		ne - RSK1	75									
Starta   Sils   Starta   Sta	State 15:13  Parameter Mins 5 Mins 10 Mins 15 Mins 20 Mins 25 Mins 30 Mins 35 Mins Time  Flow Rate 0.35 0.35 0.35 0.3 0.3 0.3  Vater Depth 20.3 30.3 30.3 20.3 20.3 20.3 20.3 20.3						er		unp				
Starta   Sils   Starta   Sta	State 15:13  Parameter Mins 5 Mins 10 Mins 15 Mins 20 Mins 25 Mins 30 Mins 35 Mins Time  Flow Rate 0.35 0.35 0.35 0.3 0.3 0.3  Vater Depth 20.3 30.3 30.3 20.3 20.3 20.3 20.3 20.3	Sallac	a 15				***************************************						
Parameter	Parameter	257111111111111111111111111111111111111	7-/-3					****					
Parameter	Parameter												
Parameter	Parameter												
Parameter	Parameter												
Parameter	Parameter						***************************************						
Time Flow Rate  0,35  0.35  0.35  0.3  0.3  Water Depth  7.42  11.97  12.09  12.55  11.90  DH  7.29  7.09  7.07  7.08  7.07  Sp. Conductance  560  550  558  346  DO  7.755  7.67  7.78  7.79  7.69  Eh  DRP  +20.5 +93.3 +97.4  7.01.1  7.03	Time Flow Rate  0,35  0.35  0.35  0.3  0.3  Vater Depth	Stata	15:13										
Flow Rate  0,35 0.35 0.35 0.3 0.3  Water Depth  20,33 30,31 30,31 20,33 20,31  Temperature  12,43 11.97 12.09 12.55 11.90  DH  7.39 7.09 7.07 7.08 7.07  Sp. Conductance  560 550 550 558 346  DO  7.55 7.67 7.78 7.79 7.69  Eh  DRP  +20,5 +93,3 +97,4 +101.1 +103	Flow Rate  0,35 0.35 0.35 0.3 0.3 0.3  Vater Depth  20,33 30,31 30,31 30,33 20	Parameter	Mins	5 Mins	10 Mi	ns   15 Mins	20	Mins	25 Mins	30 Mins	35 Mins	Samp Time	
Water Depth         A(.33 30.31 30.31 20.31 20.33 23.31           Temperature         /2.43 11.97 12.09 /2.53 /1.90           DH         7.39 7.09 7.07 7.08 7.07           Sp. Conductance         560 550 550 558 346           DO         7.55 7.67 7.78 7.79 7.69           Eh         DRP	Vater Depth         20.22 20.21 20.21 20.22 20.21           Femperature         12.42 11.97 12.09 12.55 11.90           OH         7.29 7.09 7.07 7.08 7.07           Sp. Conductance         560 550 550 558 346           OO         7.55 7.67 7.78 7.79 7.69           Sh         50.5 + 93.3 + 97.4 + 101.1 + 103           Ourbidity         13.2 13.2 14.3 14.5 16.7		0,35	0.35	0.3	50.2	0.	3					
Temperature	Temperature	Water Depth	20.20	20,21	20.ā	1/20.20	( 22	31					
Sp. Conductance 560 550 550 558 546  DO 7.55 7.67 7.78 7.79 7.69  Eh DRP +20 5 +93,3 +97.4 +101.1 +103	Sp. Conductance 560 550 550 558 346 500 7.55 7.67 7.78 7.79 7.69 5h 50RP +30.5 +93.3 +97.4 +101.1 +103 5urbidity 13.2 13.2 14.3 14.5 16.7	Temperature	12.42		12.0								
Sp. Conductance 560 550 550 358 346  DO 7.55 7.67 7.78 7.79 7.69  Eh DRP +20 5 +93,3 +97.4 +101.1 +103	Sp. Conductance 560 550 550 358 346 200 7:55 7.67 7.78 7.79 7.69 21h 200 21h 2	оН	7.29	7.09	7.0	7 7.08	7.6	97					
DO 7.55 7.67 7.78 7.79 7.69  Eh	7.65 7.67 7.78 7.79 7.69  Ch  ORP  +20.5 +93.3 +97.4 +101.1 +103  Furbidity  13.2 13.2 14.3 14.5 16.7	Sp. Conductance	560		550								
Eh	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	00		7.67	7.72	8 7.79	-						
30.7 1.1 10.1 10.2	urbidity 13 2 13.2 14.3 14.5 16.7	Ξh						1					
	urbidity 132 13.2 14.3 14.5 16.7	ORP	190.5	+93,3	197	4 -101.1	7/17	3					
		Turbidity	172										

Groundwater Mor	nitorir	ng Reco	rd (Min	imal Drawdo	own)	Ke	nnedy/J	enks Co	nsultan	
Date:	0	6/ <i>&amp;[<sub>o</sub></i> /05			Wel	I Number:	L-{	37-3		
Weather: 1911	n Ö					ument Type				
Project Name:		BNSF -	Livingstor		Well	Diameter:		2 inches		
Project Number:		0596	6021.16			I Casing De			)	
Sampling Personnel:	-	mlg,	jst			en Interval:				
Water Level Indicator:	5	6/0 m	5 7			of Casing E	levation:	448	5.95	
Purging Method:		Minimal (	Drawdown			th to Ground	-	15.5		
Sampling Method:		as	above			undwater Ele				
Sampling Device:					Wet	Casing Vol	ume:			
Pump Intake Depth:					Dept	th to NAPL:		<del></del>		
Water Disposal:		Drums			NAP	L Thickness	3:		91477	
						allons per				
Water Quality Meter(s	)	Model	Calibrati	on Date/Tin		!-inch = 0.16			-	
Temperature:	Y:	SI Multi	6/26/	15-090		i-inch = 1.44			Ü	
pН	Y	SI Multi					QA/QC S	Samples		
Eh:	1	7	<b>   </b>	уре		Samı	ole ID			
Spec. Conductance:				Blind Duplica	ite					
Dissolved Oxygen:		7		rip Blank		With Batch				
Dissolved Oxygen: YSI Multi  Turbidity: hach				7	—— I	quipment B		None		
Other:			none	<del></del>		ther		None None		
			Sa	mple Conta	iners					
Analysis	· · · · · · · · · · · · · · · · · · ·			Bottle '		P	reservativ	/e   I	Number	
VOC - EPA 8260 Methane, Ethane, Ethene	- BSK1	75		VOA VOA			HCL HCL	3 3		
DOC - EPA 415.1				1 L Ambei	•		preserved			
		- P								
Sample 1	640	<del>'</del> /								
Start 10	14				······································	L	***			
	 Mins	5 Mins	10 Mins	15 Mins	20 Mins	25 Mins	30 Mins	35 Mins	Sample	
Flow Rate (	1.75	0, à 5	d 25	0.25					Time	
Water Depth	72,99	22.99	22.99	22.99						
Temperature	7.48	12.41	12,31					1		
		1		7/14						
Sp. Conductance	7.37	7.13	7.06	1.07						
	7.47	100	77	and or trade						
	.7/	6.98	7.20	7.37						
				. 1			I			
Eh			4							
Eh ORP 7	<u>-124</u> 34.8	*138	+131 35 2	+137		, v				

1 5		g Recor	A (min	imal Drawdov	,				Consultar
Date:	The second secon	Personal Confederation of the							Perists)
Weather:			Microscopic Charles Control of Co						
Project Name:	1-21/1	5 2 7 0	\$		Well [	Diameter:	***************************************		
Project Number:		<i></i>	The company of the control of the co		Total (	Casing De	pth:		
Sampling Personn	nel:				Scree	n Interval:			
Water Level Indica	ator:				Top of	Casing E	levation:		
Purging Method:	**************************************						dwater:		7
Sampling Method:	•								
Sampling Device:					Wet C	asing Vol	ume:		
Pump Intake Depti	h:				Depth	to NAPL:			
Water Disposal:					NAPL	Thickness	s:		
							Foot of W		34.
Water Quality Met	ter(s)	Model	Calibration	n Date/Time		nch = 0.16			= 0.64 gal/ft
Temperature:			18/26/95	1500		nch = 1.44	-	• ==	- 0.0 . g
рН			<del>-{-}}</del>		1 [			Samples	
Eh:					Ty	e De			mple ID
Spec. Conductance	e:			7		nd Duplica	te		IIpia
Dissolved Oxygen:			<u> </u>	1		Blank			
Turbidity:				1		ipment Bl	lank		
Other:				f	Oth				
			-						
Anali	-	T		ple Containe	rs	7			
Analy	ysis			ottle Type		Pr	eservativ	e	Number
1/11/			45	-0 /	***************************************	•	* *	-	760 c
<u> </u>			Lof.	1 m /			<u> 101</u>		
Sample Sample by order after esimple	(n 17	00 44 51 v 10- p	18RS-1	4	- 9919 - 518	3/5/ 70/	40 S		3/0
by social at the estings	(n 17 gd All b/646 co 1659	19-p.	PERS-E	10//2ct	<i>9 ( p</i>		791		T 0
Dy series  af te- es in pe  Starte  Parameter	(a) 7 ad All b) 6 40 (c) 1659 0 Mins	5 Mins	10 Mins	10//2ct	79 ( pb	3/5/ 7/20/ 25 Mins			T 0
Dy est se af ter est enfog Starte Parameter Flow Rate	0 Mins	5 Mins	10 Mins	10//2ct	<i>9 ( p</i>		791		Sample
Dy oes (Be af the Ed m/DG Start of Parameter Flow Rate Water Depth	0 Mins	5 Mins	10 Mins	10//2ct	<i>9 ( p</i>		791		Sample
Dy Desiles  af He-  est 1976  Starte  Parameter  Flow Rate  Water Depth  Temperature	0 Mins	5 Mins 0.3 22.73 12.13	10 Mins	10//2ct	<i>9 ( p</i>		791		Sample
Dy des (Be af He- Ed 1976) Start of Parameter Flow Rate Water Depth Temperature OH	0 Mins 0. 5 22.95 13.13 7.36	5 Mins 0.3 22.99 12.13 7.10	10 Mins  0.25 22,99 12.22 7.12	10//2ct	<i>9 ( p</i>		791		Sample
Starte  Parameter  Flow Rate  Water Depth  Temperature  OH  Sp. Conductance	0 Mins 0. 5 22.9 12.13 7.36 653	5 Mins 0.3 0.3 12.13 7.10 254	10 Mins  0.25 22,99 12.22 7.12	10//2ct	<i>9 ( p</i>		791		Sample
Parameter Flow Rate Water Depth Temperature bH Sp. Conductance	0 Mins 0. 5 22.95 13.13 7.36	5 Mins 0.3 22.99 12.13 7.10	10 Mins  0.25 22,99 12.22 7.12	10//2ct	<i>9 ( p</i>		791		Sample
Parameter Flow Rate Water Depth Temperature DH Sp. Conductance DO Eh	0 Mins 0. 5 22.96 12.13 7.36 653	5 Mins 0.3 0.3 12.13 7.10 254 9.97	10 Mins  10 Mins  0. 25  22,99  12.22  7.12  657  9.80	10//2ct	<i>9 ( p</i>		791		Sample
Parameter Flow Rate Water Depth Temperature oH Sp. Conductance DO Eh DRP	0 Mins 0. 5 22.9 12.13 7.36 653	5 Mins 0.3 22.99 12.13 7.10 25.4 9.97	10 Mins  0.25 22,99 12.22 7.12	10//2ct	<i>9 ( p</i>		791		Sample
Parameter Flow Rate Water Depth Temperature DH Sp. Conductance DO Eh	0 Mins 0. 5 22.96 12.13 7.36 653	5 Mins 0.3 0.3 12.13 7.10 254 9.97	10 Mins  10 Mins  0. 25  22,99  12.22  7.12  657  9.80	10//2ct	<i>9 ( p</i>		791		Sample

		ing Reco	)ra (IV	linimal Drawdowr	down) Kennedy/Jenks Consul Well Number: 92-1					
Date:	***************************************	06/ <i>à6/</i> 05			Well N	umber:	92-	1	Management of the Control of the Con	
Weather:	911				Monum	ient Type	: Above	e Ground		
Project Name:	The state of the s	BNSF -	<ul> <li>Livingst</li> </ul>	ton			2			
Project Number:		059	96021.16	6	Total C	asing De	pth:	32		
Sampling Personne Water Level Indicate	əl:	mlg	, jst		Screen	Interval:		22	to 32	
Water Level Indicate	or:	50/0	40t		Top of	Casing E	levation:	449	98.51	
Purging Method:	<del></del>	Minimal	Drawdov	wn	Depth t	to Ground	dwater:	22.6	, 3	
Sampling Method:					Ground	lwater Ele	evation:			
Sampling Device:					Groundwater Elevation: Wet Casing Volume:					
Pump Intake Depth:	*				Depth to	o NAPL:	***************************************			
Water Disposal:		Drums			NAPL T	hickness	s:			
		т			_ Gall	lons per	Foot of W	ell Casing	g:	
Water Quality Mete		Model		ation Date/Time			gal/ft	4-inch =	0.64 gal/	
Temperature:		YSI Multi	6/26/	105 8400	6-ind	ch = 1.44				
pH		YSI Multi	f .	<u> </u>			QA/QC S	amples		
Eh:		YSI Multi			Туре			Samı	ple ID	
Spec. Conductance:		YSI Multi		11,	- I	d Duplica	te			
Dissolved Oxygen:		YSI Multi hach			-	Blank		Vith Batch		
Turbidity:			- I	ipment Bl	ank N	lone				
Other:			non	16	Othe	ər	N	None		
			l	Bottle Typ	1e	Pi	reservative	<i>a</i>	Number	
DOC - EPA 415.1	184	<u> </u>		VOA VOA VOA 1 L Amber	De		reservative HCL HCL reserved	e   l	Number 3 3 1	
Methane, Ethane, Ethane DOC - EPA 415.1  Sample (a)  10 /16.2.1	184	737	10 Mii	VOA VOA 1 L Amber			HCL HCL	e N	3 3 1	
Methane, Ethane, Ethane DOC - EPA 415.1  Sample (a)  A A A A A A A A A A A A A A A A A A A	1862 1611.	// / / / s   5 Mins		VOA VOA 1 L Amber	O Mins 2	unp	HCL HCL preserved		3 3 1	
Methane, Ethane, Ethane DOC - EPA 415.1  Sample (a)  All (a)  Parameter  Flow Rate	/856 // C. / .	7777 s 5 Mins		VOA VOA 1 L Amber		unp	HCL HCL preserved		3 3 1	
Methane, Ethane, Ethane DOC - EPA 415.1  Squared Garage Ga	1866 1001.	737 s 5 Mins 0 0,30	0,39	NOA VOA VOA 1 L Amber  15 Mins 20	O Mins 2	unp	HCL HCL preserved		3 3 1	
Methane, Ethane, Ethane DOC - EPA 415.1  Standard (A)  Standard (A)  Parameter  Flow Rate  Water Depth  Temperature	1866 100, 100	737 s 5 Mins 0 0,30	0,39	NOA VOA 1 L Amber  15 Mins 20 5 0,30 0	D Mins 2	unp	HCL HCL preserved		3 3 1	
Methane, Ethane, Ethane DOC - EPA 415.1  Squared for the second s	1866 1001.	5 Mins 0,30 17,36 17,36	0,39	NOA VOA VOA 1 L Amber 20 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	D Mins 2	unp	HCL HCL preserved		3 3 1	
Methane, Ethane, Ethane DOC - EPA 415.1  Squared (A)  Parameter  Flow Rate  Water Depth  Temperature  pH  Sp. Conductance	1856 16,70 0 Mins 0.20 12.70 7.37	737 s 5 Mins 7 0,30 1 7,36 2 558	0,39 12,01 7,79 350	VOA VOA 1 L Amber 20 5 0,30 0	O Mins 2	unp	HCL HCL preserved		3 3 1	
Methane, Ethane, Ethane DOC - EPA 415.1  Squared (A)  Squared (A)  Parameter  Flow Rate  Water Depth	18.40 0 Mins 0.20 13.40 7.37	737 s 5 Mins 2 0,30 1 7,36 2 7,36 2 558	0,39 12,01 7,79 350	NOA VOA VOA 1 L Amber 20 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	O Mins 2	unp	HCL HCL preserved		3 3 1	
Methane, Ethane, Ethane DOC - EPA 415.1  Stand Carlo C	18.40 0 Mins 0.20 13.40 7.37	737 s 5 Mins 2 0,30 1 7,36 2 7,36 2 558	0,39 12,01 7,79 350	VOA VOA 1 L Amber 20 5 0,30 0 12,08 12 7,27 7 6 7,10 9	O Mins 2	unp	HCL HCL preserved		3 3 1	

Groundwater M	onitorin	ıg Reco	ord	(Mini	mal Drawd	own)	)		Ke	nnedy/.	Jenk	s Co	nsultant
Date:	. 00	6/27/05					Well	Numbe	r:	9(	)-3		
Weather:	46					naci	Monu	ıment T	уре	:Belo	w Gr	ound	
Project Name:	ž	BNSF	- Livir	ngston		_	Well	Diamet	er:		2 inc	hes	
Project Number:		059	96021	.16			Total	Casing	j De	pth:		19.8	5
Sampling Personne	l:	, mlg	ı, jst			***							5 to 19.85
Water Level Indicate	or:	1/0m1	7	T						levation:			
Purging Method:							Depth	n to Gro	ound	dwater:	0	6.3	4
Sampling Method:	CANNOT THE RESIDENCE OF THE SECOND SE	as	abov	/e		-	Groui	ndwate	r Ele	evation:			
Sampling Device:		Bladde	r Pun	ър			Wet 0	Casing	Vol	ume:			
Pump Intake Depth:			~~~				Depth	to NA	PL:	***************************************			
Water Disposal:		Drums	With the second second second			-	NAPL	- Thickr	ness	3.			
	2047									Foot of \			
Water Quality Mete	r(s)	Model	Cali	bratio	n Date/Tin	ne							0.64 gal/ft
Temperature:	YS	SI Multi	6/2	7/03	0 800	)		inch = 1	1.44	gal/ft			-
рН	YS	SI Multi		^						QA/QC	Samp	les	
Eh:	YS	SI Multi		A CONTRACTOR OF THE PARTY OF TH	/		Ту	/pe				Sam	ple ID
Spec. Conductance:	YS	SI Multi		1	1		ВІ	ind Dup	olica	te			
Dissolved Oxygen:	YS	31 Multi			//		Tr	ip Blan	k		With	Batch	
Turbidity:	ha	ıch			/			quipmer			None		
Other:			1	none			Ot	her			None		
	***************************************	***************************************	***************************************	Sar	nple Conta	ine	re						
Analysis				- Cui	Bottle <sup>2</sup>				P	reservati	Ve	T	Number
VOC - EPA 8260					VOA					HCL	-	<del>                                     </del>	3
Methane, Ethane, Ethe DOC - EPA 415.1	ne - RSK1	75			VOA					HCL			3
DOG - EFA 415.1					1 L Amber				unp	reserved		-	1
SaMP/O 6	1921	)											
	1010		-										
										-			
				····								<u> </u>	
Start 085	4	T	<del></del>										
Parameter	<b>Mins</b>	5 Mins	10	Mins	15 Mins	20	Mins	25 Mi	ns	30 Mins	35	Mins	Sample Time
Flow Rate L/m	0.45	0,20	0.	25	0.75	₫.	25				1		<del></del>
Nater Depth <sup>'</sup>	6.35	6,35	6.	35	6.35	~~~~~	36				1		
Temperature	1085	1081	10	.87	10.24	(	84				1		
ЭН	280	6.57	1 6.	71	W27		80						10.000
Sp. Conductance	427	493	4	45	494	40	34						
00	uda	2.35		72	1.29	/,3	/-/					-,	
Ξh	7.77	- Miles Mary		750	- 8	100	©)		-		+		1.0
ORP	4202	199	T */.	88	+185	4/8	14						
Furbidity	30,1	37.6		00 68	36.6	<u>~12</u> 36.	7				+		
Votes	L-Z-Z-V_		<u> </u>	49	~ W. U	<u> 50.</u>	<u> </u>						

5.73

Groundwater N	/lonitori	ing Reco	ord	(Mini	imal Drawdo	own)	)		Ke	nnedy/J	lenks	s Co	nsultant
Date:		06/47/05					Well			LS			
Weather:	louds	10				indice .	Monu	ıment T	- уре	: Abov	ve Gro	ound	
Project Name:		BNSF	- Livir	ngston		-							
Project Number: _		059	6021	.16		_				pth:			
Sampling Personne	əl:	mlg	ı, jst			_	Scree	en Inter	val:			6 to	0 16
Water Level Indicat	tor:	<u>So 1000</u>	<u> </u>							levation:			33.68
Purging Method:	***	Minimal	Draw	<i>i</i> down						dwater:			
Sampling Method:		as	abo	ve						evation:			
Sampling Device:_	***************************************	Bladde	r Pun	np		_	Wet 0	Casing	Volu	ıme:			
Pump Intake Depth	*						Depth	to NA	PL:				
Water Disposal:		Drums				_		. Thickr			***************************************	-	***************************************
							G	allons	per	Foot of V	Vell C	asino	a:
Water Quality Met	er(s)	Model	Cal	ibratio	on Date/Tin	ne	1						• 0.64 gal/ft
Temperature:	7	/SI Multi	Calo	77/0	5 080	11		inch = 1					J
рН	Y	/SI Multi	1	7	/	-				QA/QC S	Sampl	es	
Eh:	Υ	/SI Multi			$\backslash /$		Ty	/pe				Sam	ple ID
Spec. Conductance	): Y	/SI Multi			V		ВІ	ind Dup	olica	te			
Dissolved Oxygen:	Y	/SI Multi		1	$\sqrt{I/I}$		Tr	ip Blanl	K	1	With E	3atch	)
Turbidity:	h	nach			V		Ed	quipmer	nt Bl	lank I	None		
Other:				none			Ot	her			None		
	***************************************			80.	mala Conto				-				
Analysis				Sai	mple Conta							<del>7 –</del>	
VOC - EPA 8260					Bottle 7	уре	3			reservativ HCL	<u>/e</u>	<u> </u>	Number
Methane, Ethane, Eth	ene - RSK	175			VOA					HCL		<del> </del>	<u>3</u> 3
OOC - EPA 415.1					1 L Amber	•			unp	reserved			1
SanA/P	18 21	1											
3900/111	1 401	<i>y</i>											
												ļ	
												<del>                                     </del>	
				·		·····				- Car			***************************************
									***************************************			L	
Parameter	ØMins ₹	5 Mins	10	Mins	15 Mins	20	Mins	25 Mi	ns	30 Mins	35 N	Vins	Sample Time
Flow Rate	0,30		0	.45	0.30				寸		T		
Vater Depth		4.66	4,		4.67						1		
emperature	11.36		. 1	l.al	11.25								
Н	7.16	7.06		.03	7.03								100
Sp. Conductance	5775	- 503		503	304							-	
00	7.67	1 1.19	17.	08	1.09				1		1		
<b>E</b> h		3 8	† *	-					$\dashv$				
ORP	+185	+187	r	183	+18()				-		1		
urbidity	47.4	48.5		3.2	39,7				-		<b>†</b>		
				== }	- 1,01						i		

Turbidity Notes:

		fing Hec	ord (IVII	nimal Drawdo	down) Kennedy/Jenks Consulta Well Number: 89-9				
Date: Weather: 1/1	g .	06/37/05			Well N				
Weather: 1/1	Du	Sell. 17			Monum		e: Belo		d
Project Name:		BNSF	<ul> <li>Livingsto</li> </ul>	on	Well Di	iameter:		2 inches	}
Project Number:		059	<del>3</del> 6021.16				epth:		
Sampling Personnel:	i:	<u> </u>	<u>j, jst</u>		Screen	Interval	.:	2	24.2 to 34.2
Water Level Indicato	or:	50/0			Top of	Casing E	Elevation:	4.	496.41
Purging Method:	**************************************	Minimal	Drawdowi	n	Depth t	to Groun	ıdwater:	19,	78
		as			Ground	lwater E	levation:	,	
Sampling Device:	-	Bladde	r Pump		Wet Ca	asing Vol	lume:		
Pump Intake Depth:	B-Warner College		***************************************		Depth t	o NAPL:	•		
Water Disposal:		Drums			NAPL T	Thicknes	ss:		
					Gall	lons per	r Foot of V	Well Casi	
Water Quality Meter		Model		ion Date/Time	e 2-ind	ch = 0.16	6 gal/ft		= 0.64 gal/
Temperature:	nperature: YSI Multi 6/27/VS 134						4 gal/ft		
pH	YSI Multi						QA/QC S	Samples	
Eh:	r: YSI Multi								mple ID
Spec. Conductance:	pec. Conductance: YSI Multi					d Duplica			7-16
Dissolved Oxygen:		YSI Multi	1	1/		Blank		With Bato	ch
Turbidity:	r	hach		7	Equi	ipment B		None	~
Other:			none		Othe			None	Married Control of the Control of th
l			Se	Contair	***************************************				
Analysis				ample Contair					
VOC - EPA 8260				Bottle Ty VOA	pe	P	reservativ	/e	Number
Methane, Ethane, Ethen	ne - RSK	(175		VOA			HCL HCL		3 3
DOC - EPA 415.1		(173							1
				1 L Amber			oreserved		
Sample		1/317		1 L Amber			preserved		
		1/30		1 L Amber			preserved		
		1/30		1 L Amber			preserved		
		730 		1 L Amber			preserved		
		1/30		1 L Amber			preserved		
Sample		1/30		1 L Amber			preserved		
		1/30		1 L Amber			Dreserved		
Sampler Startia 11/3		1/30	10 Mins		20 Mins 2		oreserved 30 Mins		Sample
Scriptor Startia 11/3	~ /.	5 Mins			0 Mins 2	unp			
Start (a 11/3) Parameter	~ /.	1/30	0.25	15 Mins 2	0 Mins 2	unp			Sample
Startia 11/3 Parameter Flow Rate	~ /.	5 Mins	0.25	15 Mins 2	0 Mins 2	unp			Sample
Squiple Squipl	ØMins 0.25 19.78	5 Mins 19.78 11.01	0.25	15 Mins 2	0 Mins 2	unp			Sample
Scanple Scanpl	~ /.	5 Mins 19.78 11.01	0.2S 19.79 10.99 7.18	15 Mins 2 19.78 11.40 7.20	0 Mins 2	unp			Sample
Squiple  Squiple  Squiple  Squiple  Squiple  Squiple  Parameter  Flow Rate  Water Depth  Temperature  DH	6 Mins 0.25 17.04 7.33 403	5 Mins 6 0.25 7 19.78 1 11.01 8 7.10 8 403	0.25 t9.79 10.99 7.18 402	15 Mins 2 19.78 11.00 7.20 40a	0 Mins 2	unp			Sample
Scanple  Scanple  Start (a 11/3)  Parameter  Flow Rate  Water Depth  Temperature  DH  Sp. Conductance	ØMins 0.25 19.78	5 Mins 6 0.25 7 19.78 1 11.01 8 7.10 8 403	0.2S 19.79 10.99 7.18	15 Mins 2 19.78 11.40 7.20	O Mins 2	unp			Sample
Scanfloo  Start (a ///)  Parameter  Flow Rate  Water Depth  Temperature  OH  Sp. Conductance  OO  Eh	ØMins 0.75 19.78 11.04 7.33 403	5 Mins 5 0.25 7 19.78 1 11.01 8 7.10 1 403 3 7.17	0.25 19.79 10.99 7.18 402 7.36	15 Mins 2 19.78 11.00 7.20 40a 7.34	0 Mins 2	unp			Sample
Scanfloo  Start (a ///)  Parameter  Flow Rate  Water Depth  Temperature  OH  Sp. Conductance  OO  Eh	6 Mins 0.25 17.04 7.33 403	5 Mins 5 0.25 7.10 7.10 7.10 7.10 7.10 7.10	0.25 t9.79 10.99 7.18 402	15 Mins 2 19.78 11.00 7.20 40a	0 Mins 2	unp			Sample

Groundwater Mon					(nwok	,	Ker	nedy/J	enks Co	nsultant
Date:	0(	6/27/05				Well	Number:	89	<i>j</i> -8	
Weather:	vild	119					ument Type			
Project Name:		BNSF -	<ul> <li>Livingst</li> </ul>	ton			Diameter:	***************************************	-	
Project Number:	***************************************	0596	6021.16				l Casing De			5
Sampling Personnel:		mlg	, jst		_		en Interval:			
							of Casing E			***************************************
Purging Method:		Minimal [	Drawdow			Depth	h to Ground	dwater:	18,35	
		as				Grour	ındwater Ele	evation:	<u>3</u> .3	
Sampling Device:		<u>Peristal</u>	tic Pump	р		Wet 0	Casing Volu	ume: 🔼 🤻	21.6	
Pump Intake Depth:	<u></u>	1.6			i		h to NAPL:			
Water Disposal:		Drums				NAPL	L Thickness	s:	****	****
	<del></del>	T					allons per			-
Water Quality Meter(s)				ation Date/Tir			-inch = 0.16		4-inch =	- 0.64 gal/ft
Temperature:		SI Multi	6/97	1/05 08	狐	6-	-inch = 1.44 			
pH		SI Multi	•	/		<u> </u>		QA/QC S		
Eh:		SI Multi .	b				ype		Sam	ple ID
Spec. Conductance:		SI Multi				<u> </u>	lind Duplica			
Dissolved Oxygen:		SI Multi				ļ	rip Blank		With Batch	1
Turbidity:	ha	ach	~			<u> </u>	quipment Bl		None	
Other:			none	<u>e</u>		Ot	ther		None	
	1147		<u> </u>	Sample Conta	aine					
Analysis			<b>—</b>	Bottle '			—	reservativ		Number
VOC - EPA 524.2				VOA				HCL		3 ~
Methane, Ethane, Ethene - DOC - EPA 415.1	- RSK1	75		VOA				HCL		3
DOO'LLATIO				1 L Ambe	<u>r</u>		Uiip	oreserved		1
E 1- 6	7	1977								
Sanplo 6	19						_			
<u></u>					****************					
		~~~	_			,				
Sturt in la	70	A								~~~
		T	T		T		т		T	Sample
Parameter 0	Mins	5 Mins	10 Min	ns 15 Mins	20 1	Mins	25 Mins	30 Mins	35 Mins	Sample Time
	.75	0.20		1 1.20	1	20,			†	
Water Depth /	9.39	18,35			18.	1.35		1		
Temperature /a	à.86	12.78	12.67	12.69	17,0			1		
pH 7	7.53	738	7.35	7,36	7	37		1	,	
Sp. Conductance	599	599	596	596	59	74		1	,	
DO 9	2,29	9.26	9.41		9.			i		
Eh		·						j		
1 60 2	180	184	+185	1/85	+/8	341		1		
Turbidity 3°	7.91	158	142	36.5	38	.5				
Notes:			<del></del>			<u> </u>				
~/	11001	1700 Di	10/179							

Groundwater N	<u>fonitori</u>	ng Reco	ord (Min	imal Drawd	own)		Ke	nnedy/J	enks Co	nsultar	
Date:	ate: 06/ /05 /eather: <i>                                     </i>						Well Number: 89-3				
Weather:	2014	181						: Belov			
Project Name:		BNSF -	Livingstor		W	ell Dia	ameter:	4	2 inches		
Project Number:								pth:	The state of the s		
Sampling Personne	el:	mla	. ist		S						
Water Level Indicat	or: <i>S</i>	010			_ То			levation:		***************************************	
Purging Method:		Minimal	Drawdown		D			dwater:			
Sampling Method:		as	above					evation:			
Sampling Device:		Bladdei	r Pump				sing Vol				
Pump Intake Depth					_ De	epth to	NAPL:				
Water Disposal:		Drums			– N	APL T	hickness	3:			
								Foot of W		o:	
Water Quality Mete	er(s)	Model	Calibrati	on Date/Tir	ne					-	
Temperature:	7	/SI Multi	6/27	UEA	7	2-inch = 0.16 gal/ft 4-inch = 0.64 g 6-inch = 1.44 gal/ft					
рН	pH YSI Multi						***************************************	QA/QC S	amples	<del></del>	
Eh:			Туре				ple ID				
Spec. Conductance		/SI Multi	V	V		Blind	Duplica	ite			
Dissolved Oxygen:	Y	/SI Multi	6/27/05	1300	)	Trip I	Blank	lv	Vith Batch	~~~~	
Turbidity:	L	1300			oment B		lone				
Other:			none			Othe	r		lone	···	
W			80	mple Cont							
Analysis				Bottle			Р	reservativ	e I i	Number	
VOC - EPA 8260				VOA	. , , ,		•	HCL		3	
Methane, Ethane, Etho DOC - EPA 415.1	ene - RSK	175		VOA				HCL .		3	
DOC - LFA 415.1				1 L Ambe	<u> </u>		unp	reserved		1	
Sample	E-13	50									
1000											
										<del>~~~</del>	
		· · · · · · · · · · · · · · · · · · ·					1				
Start 10 13	35	T	T	1	<u></u>				T	T	
Parameter	Mins	5 Mins	10 Mins	15 Mins	20 Mi	ns 2	5 Mins	30 Mins	35 Mins	Sampl Time	
Flow Rate	10.25	11.25	0.25	0.25	11.2	7					
Water Depth	17.56	17.56			17.5						
Temperature	11.50	11.24	10.78	19.76		3					
оН	7,53	741	7,39	7.29	7 3	<b>}</b>		***************************************			
Sp. Conductance	395	294	390	390	390						
00	8.40	3.33	8.41	2.50	8,4	9					
Eh	1				Section 1						
				1							
ORP	+171	+1711	+121	121	118						
ORP Turbidity	+170 361	+176 36.5	+181 359	55.(1	+181 35.0						

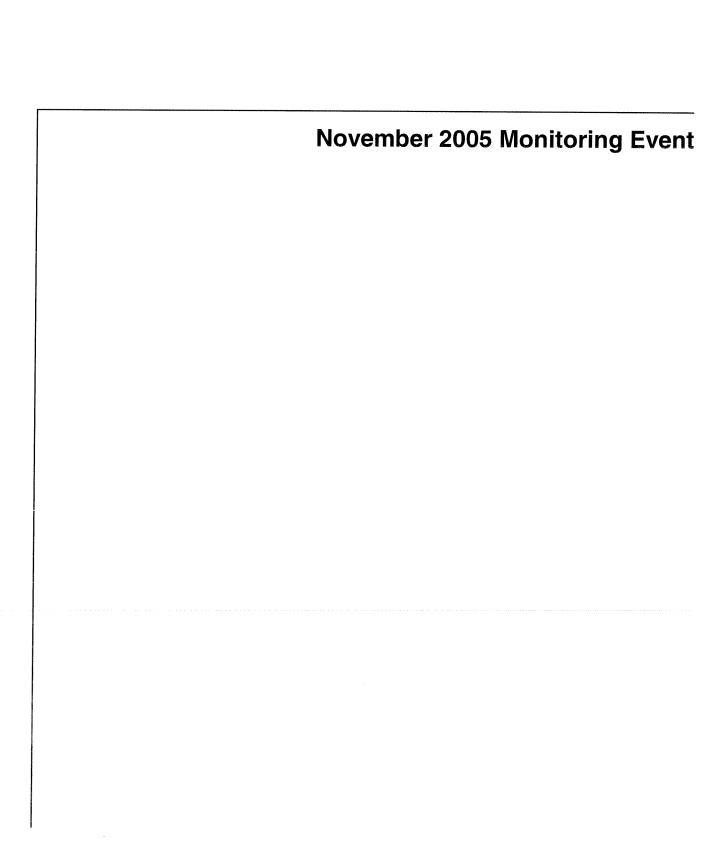
Groundwater l		ing Rec	ord (M	linimal Drawo	down)		Kei	nedv/.i	enks Co	nsultan
Date:								92		
Weather: Cla	onder						-		w Ground	
Project Name:		BNSF	- Livingst	on					2 inches	
Project Number:									34.	8
Sampling Personne									24.8 to	
Water Level Indica									44	
Purging Method:									>0	· · · · · · · · · · · · · · · · · · ·
Sampling Method:										
Sampling Device:			r Pump							
Pump Intake Depth	i:									
Water Disposal:		Drums			_ N/	APL TI	nicknes	s:		
									Well Casir	na:
Water Quality Met	er(s)	Model	Calibra	tion Date/Ti	me	2-inc	h = 0.16	6 gal/ft	4-inch =	= 0.64 gal/
Temperature:	`	YSI Multi	080	10 G/27/	65	6-inc	h = 1.44	l gal/ft		
рH	`	YSI Multi		1 (				QA/QC	Samples	
Eh:	\	YSI Multi				Туре			San	ple ID
Spec. Conductance	): \\	/SI Multi				Blind	Duplica	ite		
Dissolved Oxygen:		/SI Multi		47		Trip E	3lank		With Batcl	n
Turbidity:	ŀ	nach		/		Equip	oment B	lank	None	
Other:			non	е		Other	•		None	
	**************************************		6	ample Cont	-1					
Analysis				Bottle		<b>C</b>	Т Б	reservati		N
VOC - EPA 8260				VOA	туре		P	HCL	ve	Number 3
Methane, Ethane, Eth	ene - RSk	(175		VOA				HCL		3
DOC - EPA 415.1	· · · · · · · · · · · · · · · · · · ·			1 L Ambe	r	-	unp	reserved		1
Samale	101	615								
/ ' '										
							<u> </u>			
					······································	·	1			
. 5	. />-									
- Stert	1513	21	<b>Ι</b> ε <sub>6</sub>	61	06				1	T
Parameter	0 Mins	s 5 Mins	10 Mir	ns 15 Mins	20 Mi	ns 2	5 Mins	30 Mins	35 Mins	Sample Time
Flow Rate	0.2	0.2	0.2	0.2	6,2	T	······			
Water Depth	20.19	20.15			200.1	sT				
Temperature	14.60				12.7	2				
рН	7.3	1			7.2					
Sp. Conductance	610	1 -	572	565	56	9			- CANADA	
DO	5, 24		7,24	8.32	7.5					
Eh						1				
ORP	159.4	161	162	164	164					
Turbidity	387	39.0	38.7	37.8	390	7				
					. (~, ~	1.71				

Groundwater Me	onitorii	ng Rec	ord	(Minir	nal Drawdo	wn)		Ker	inedy/Je	nks Coi	nsultan
Date:	0	6/ /05				. W	ell Nu	ımber:	L-87	7-5	
Weather:						M	onum	ent Type	: Above	Ground	
Project Name:		BNSF	- Livii	ngston		W	ell Di	ameter:	2	inches	
Project Number:		059	6021	1.16		To	otal Ca	asing De	pth:	29	
Sampling Personnel:											29
Water Level Indicato									levation: _		
Purging Method:		Minimal	Drav	vdown					lwater:		
Sampling Method:									evation:		
Sampling Device:									ıme:		
Pump Intake Depth:											
Water Disposal:						NA	APL T	hickness	:		
-									Foot of W		
Water Quality Meter	r(s)	Model	Cal	ibratio	n Date/Tim	ie	2-ind	ch = 0.16	gal/ft	4-inch =	0.64 gal/
Temperature:	Y:	SI Multi					6-ind	ch = 1.44	gal/ft		
рН	Υ:	SI Multi							QA/QC Sa	amples	
Eh:	Υ:	SI Multi		***************************************	***************************************		Тур	е		Samp	ole ID
Spec. Conductance:	Y:	SI Multi					Blind	d Duplica	te		
Dissolved Oxygen:	Y:	SI Multi		A-1000 A-100 A			Trip	Blank	V	/ith Batch	
Turbidity:	ha	ach					Equi	pment B	ank N	one	
Other:				none		NATIONAL CONTRACTOR	Othe	er	N	one	
	<del></del>			San	nple Conta	iners					
Analysis				T	Bottle 1			Pı	eservative	<u> </u>	lumber
VOC - EPA 524.2					VOA	ypo			HCL	·	3
Methane, Ethane, Ethe	ne - RSK	175			VOA				HCL		3
DOC - EPA 415.1			alada karan kalada karan kalaman karan		1 L Amber			l unp	reserved		1
SaM/1/01	17/5										
- Jarry M.				<b> </b>							
					****	- <del></del>					~~~~
						<del></del>	··········				
1/ ->											
1653						o ette tett tet tet tigt ett til med					
Parameter	Mins	5 Mins	10	) Mins	15 Mins	20 Mi	ns 2	25 Mins	30 Mins	35 Mins	Sample Time
Flow Rate	0,29			. ao	0.75	0.2	35				
Water Depth	23,31	23,37	2	3,32	43,32	23.	32				
Temperature	13,28	13.13		1.92	12,52	1a.5					
	and and	7.3/	17	23	7.20	7.19	7				
рн	7,58	1101		01-	1.0.0					1	
	477	467		164	459						
pH Sp. Conductance DO	<b>-</b>	467		6.17	1	46					
Sp. Conductance	477	467			459						
Sp. Conductance	477	467	2 }		459 6.09	46	7				

Turbidity Notes:

Groundwater Mo	onitori	ng Reco	ord (Mini	mal Drawo	lown)		Ker	nnedy/J	enks Co	nsultar
Date:	0	6/27/05				Vell Nu	ımber:	89	-10	
Weather:	in t	1 c/p	9/1/3			<b>Monum</b>	ent Type	e:Belo	w Ground	
Project Name:						Well Dia	ameter:		2 inches	
Project Number:		059	6021.16		-	Total Ca	asing De	epth:	32.2	2
Sampling Personnel:		mlg,	, jst						22.2 to 32	.2
Water Level Indicato	r: <u>S</u>	010				op of (	Casing E	levation:	448	34.07
Purging Method:		Minimal I	Drawdown		[	Depth to	Ground	dwater:	a 3, 3 2	<del></del>
Sampling Method:	*	as	above					evation:		
Sampling Device:		Peristal	tic Pump		_ \	Vet Ca	sing Vol	ume:	à7,8	
Pump Intake Depth:	ā	7.8								
Water Disposal:								s:		
					<del></del>				Vell Casin	q:
Water Quality Meter	(s)	Model	Calibratio	n Date/Tir	me				4-inch =	~
Temperature:	Υ:	SI Multi	6/27/05	080	0	6-inc	h = 1.44	l gal/ft		
рН	Υ:	SI Multi		1				QA/QC S	Samples	<del></del>
Eh:	Υ:	SI Multi				Туре	)		Sam	ple ID
Spec. Conductance:	Y:	SI Multi		1/		Blind	l Duplica	ite		
Dissolved Oxygen:	Υ:	SI Multi	$\sim$	/		Trip	Blank	1	With Batch	
Turbidity:	ha	ach				Equi	pment B	lank I	Vone	
Other:			none			Othe	r	I	Vone	
	***************************************		Sar	nple Conta	ainers					<del></del>
Analysis				Bottle			P	reservativ	/e	Number
VOC - EPA 8260	501/	z p.		VOA				HCL		3
Methane, Ethane, Ether DOC - EPA 415.1	ie - HSKi	1/5		VOA 1 L Ambe	r			HCL reserved		<u>3</u>
1				1 2741100			O I I	, cool vea		
Symple C	n 18	45—					-			
291111916										
						***************************************				**************************************
Start ce	124	9					<u> </u>		I	
7	d	5 Mins	10 Mins	15 Mins	20 N	lins 2	5 Mins	30 Mins	35 Mins	Sampl
Parameter	Ø Mins	,		I		1 "				Time
	Ann		0.5	102	n ·	5 T			1	-
low Rate	0,2	0,2	0.2	0,2		3 33				
Flow Rate Water Depth	Ann	0, 2 24.33	24,33	24.33	ZY.	33				2005. 1003.
Flow Rate Water Depth Femperature	<u>a 130</u> 0, 2 24.33 12,56	0, a ay.33 1a.13	24.33 12.05	24,33 11,99	24. 11.	33 18				
Flow Rate Water Depth Femperature bH	<u>2000</u> 0, 2 24.33 12.56 7.87	0, 2 24.33	24.33 12.05 7.27	24,33 11,99 7.25	24. 11.9 7.8	33 18 4				
Flow Rate Water Depth Temperature bH Sp. Conductance	3 m 0, a 24.33 13,56 7,87 531	0. a ay.33 1a.13 7.51 595	24.33 12.05 7.27 595	24,33 11,99 7.25 395	24. 11. 7.8 59	33 18 4				
Flow Rate Water Depth Temperature pH Sp. Conductance	<u>2000</u> 0, 2 24.33 12.56 7.87	0. a ay.33 1a.13 7.51 595	24.33 12.05 7.27	24,33 11,99 7.25	24. 11.9 7.8	33 18 4				
Flow Rate Water Depth Temperature pH Sp. Conductance DO Eh	0, d 24,33 12,56 7,87 531 11.64	0, a ay.33 1a.13 7.51 595 9.51	24.37 12.05 7.27 595 8.34	34.33 11.99 7.25 595 8.25	24. 11. 7.3 59 8.1	33 18 4 3				
Parameter  Flow Rate  Water Depth  Temperature  pH  Sp. Conductance  DO  Eh  ORP	3 m 0, a 24.33 13,56 7,87 531	0. a ay.33 1a.13 7.51 595	24.33 12.05 7.27 595	24,33 11,99 7.25 395	24. 11. 7.8 59	33 18 4 3 5				

Groundwater Mo	nitoring	g Reco	rd (M	inimal Drawd	own)	antonneissana announce	Ke	nnedy/J	enks Co	onsultar
Date:	06,	/ /05				Well	lumber:	L-8	7-8	
Monthor					000000	Monur	nent Type	: Abov	e Ground	
Project Name:						Well D	iameter:	4	2 inches	
Project Number:	- 4.00 <u>-26.000</u>	0596	021.16		-			pth:		.4
Sampling Personnel:	Part 1990 1990 1990 1990 1990 1990 1990 199	mlg,	jst							
Water Level Indicator	• •		······································			Top of	Casing E	levation:	44	93.37
Purging Method:		Minimal E	Drawdow	'n		Depth	to Ground	dwater:		
Sampling Method:		as	above			Groun	dwater Ele	evation:		
Sampling Device:						Wet C	asing Volu	ume:		
Pump Intake Depth:					****	Depth	to NAPL:			
Water Disposal:	*************	Drums	<del></del>			NAPL	Thickness	): 		
								Foot of W		
Water Quality Meter(	s) M	lodel	Calibra	tion Date/Tir	ne	2-ir	nch = 0.16	gal/ft	4-inch =	= 0.64 gal
Temperature:	YS	l Multi				6-ir	nch = 1.44	gal/ft		
рН	YS	l Multi						QA/QC S	amples	
Eh:	YS	Multi				Ту	e De		San	ple ID
Spec. Conductance:	YS	l Multi				Blir	nd Duplica		· · · · · · · · · · · · · · · · · · ·	
Dissolved Oxygen:	YS	Multi				Trip	Blank	v	Vith Batc	h
Turbidity:	hac	h				Equ	uipment B	lank N	lone	***************************************
Other:			none	9		Oth	er		lone	
<b>Analysis</b> VOC - EPA 524.2		***************************************		<b>Bottle</b> VOA	. урс			reservativ HCL		Number 3
Not samp	o led	dve	<i>h</i> ,	LNAP,	7	Ĭ.V	n th	l W	ell	
Parameter	0 Mins	5 Mins	10 Min	s 15 Mins	20	Mins	25 Mins	30 Mins	35 Mins	Sampl
Flow Rate										
Water Depth										
				£	ş				š	-1
Temperature						Moderance	4	***************************************		
Temperature pH	and the second s									
Temperature pH Sp. Conductance										
Temperature pH Sp. Conductance DO										
Temperature pH Sp. Conductance										
Temperature  pH  Sp. Conductance  DO  Eh										



Groundwater Mo	onitorii	ng Reco	rd (Min	imal Drawd	own)		Ke	nnedy/J	lenks Co	onsulta
Date:	1	1/ <i>)&amp;</i> /05			e e e e e e e e e e e e e e e e e e e	Well	Number:	89	-4	
Weather: Wind					almonto)	Monu	ument Type	e: Belo	w Ground	
Project Name:					strongu	Well	Diameter:		2 inches	
Project Number:						Total	Casing De	epth:	34.	2
Sampling Personnel:					OLIVERA .		en Interval:	Commence of the Party of the Pa		THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IN COLUMN
Water Level Indicator							of Casing E			
Purging Method:							to Groun			
Sampling Method:						Grou	ndwater El	evation:		**************************************
Sampling Device:					printerio	Wet 0	Casing Vol	ume:		
Pump Intake Depth:_					****	Depth	to NAPL:			
Water Disposal:		Drums				NAPL	. Thicknes:	s:		
				Permitter control of the control of	-	Ga	allons per	Foot of W	ell Casin	g:
Water Quality Meter		Model	-	on Date/Tir	ne		inch = 0.16		4-inch =	0.64 gal
Temperature:	Y	SI Multi	11 16 05	<u>D</u> {\omega\$	- Landers	6-	inch = 1.44	f gal/ft		
pH		SI Multi	ę v		TO B (CERTIFICATION)			QA/QC S	Samples	
Eh:		SI Multi				Ту	ре		Sam	ple ID
Spec. Conductance:		SI Multi		A.File Blazza		Bli	ind Duplica	ite		
Dissolved Oxygen:	YS	SI Multi		-		Tri	ip Blank	\	<b>V</b> ith Batch	
Turbidity:	ha	ıch		- Contraction of the Contraction		Eq	juipment B	lank l	Vone	
Other:			none			Ot	her	1	Vone	
				<b>Bottle</b> VOA	Туре		P	reservativ HCL	re l	Number 3
					Туре		P		re I	
VOC - EPA 8260	14 <sub>1</sub> 5 0 Mins	5 Mins	10 Mins			Mins	25 Mins		35 Mins	3
Start Parameter Flow Rate	0 Mins	5 Mins	0,4	VOA  15 Mins	20 1	Mins		HCL		3 Sampl
Start Parameter Flow Rate Water Depth	0 Mins 0.5 - 20.74		0.4	15 Mins	20 I	Mins 4		HCL		3 Sampl
Parameter Flow Rate Water Depth Femperature	0 Mins 0.5 - 20.74	-> -> ->	0.4	VOA  15 Mins	20 I	Mins		HCL		3 Sampl
Parameter Flow Rate Water Depth Femperature DH	0 Mins 0.5 - 20.74	-> -> ->	0.4 20.74 11.37 7.25	15 Mins 0.4 20.79 11.71	20 I	Mins 4 74 23		HCL		3 Sampl
Parameter Flow Rate Vater Depth Femperature OH Sp. Conductance	0 Mins 0.5 - 20.74 - 11.31 - 1.30- 532 -	~ ~ ~ ~	0.4 20.74 11.37 7.25 736	15 Mins 0.4 20.74	20 I	Mins 4 74 23		HCL		3 Sampl
Parameter Flow Rate Water Depth Femperature OH DD. Conductance	0 Mins 0.5 - 20.74	~ ~ ~ ~	0.4 20.74 11.37 7.25	15 Mins 0.4 20.79 11.71	20 I	Mins 4 74 23		HCL		3 Sampl
Parameter Flow Rate Water Depth Temperature DH Sp. Conductance DO Eh	0 Mins 0.5 - 20.74 - 11.31 - 1.30- 532 -	~ ~ ~ ~	0.4 20.74 11.37 7.25 736	15 Mins 0.4 20.74 11-71 7.23	20 I 0.1 20.1 11.	Mins 4 74 23		HCL		3 Sample
Parameter Flow Rate Water Depth Temperature DH Sp. Conductance DO Eh	0 Mins 0.5 - 20.74 - 11.31 - 1.30- 532 -	~ ~ ~ ~	0.4 20.74 11.37 7.25 736	15 Mins 0.4 20.74 11-71 7.23	20 I 0.1 20.1 11.	Mins 4 74 23 21		HCL		3 Sample

Groundwater N	Ionitori	ng Hecc	ord (Min	imal Drawd	own)	Kε	ennedy/J	lenks Co	nsultan
Date:	-	11/16/05			Well	Number:	L	88-10	
Weather: Windy	<u>L. Cioud</u>	4 38°f	inger in de la company de la c		Mon	ument Type			
Project Name:		BNSF -	Livingstor	)	Well	Diameter:		2 inches	
Project Number:		059	6021.16		Tota	I Casing De	epth:	31	
Sampling Personne	:1:	mlg	rgh,		Scre	en Interval			
Water Level Indicat	or:	<u> 50/11</u>	<u>st</u>		_ Тор	of Casing E	Elevation:	448	33.56
Purging Method:					_ Dept	h to Groun	dwater:	24.00	
Sampling Method:					Grou	ındwater El	evation:		
Sampling Device:					_ Wet	Casing Vol	ume:		
Pump Intake Depth:	· ·	(			_ Dept	h to NAPL:		***************************************	
Water Disposal:	Managara and American	Drums			_ NAP	L Thicknes	s:		·
						allons per	Foot of V	Vell Casin	g:
Water Quality Mete		Model	Calibration	on Date/Tir	_	-inch = 0.16		4-inch =	0.64 gal/f
Temperature:		SI Multi	111605	0950	6-	-inch = 1.44	4 gal/ft		
рН		SI Multi		and the second			QA/QC S	Samples	
Eh:		SI Multi		The state of the s	T	уре		Sam	ple ID
Spec. Conductance:		SI Multi			В	lind Duplica	ate		
Dissolved Oxygen:		SI Multi			Tı	rip Blank		With Batch	
Turbidity:	h	ach			E	quipment B	lank I	Vone	
Other:			none			ther		Vone	
			Sa	mple Conta					
Analysis VOC - EPA 8260				Bottle	Туре	P	reservativ	e l	Number
VOO - LI A 0200	Manufacture and the second	···		VOA	***************************************		HCL		3
							***************************************		
						1			
N. d	1207								
ીં કે	272   0 Mins	5 Mins	10 Mins	15 Mins	20 Mins	25 Mins	30 Mine	35 Mine	Sample
Parameter	0 Mins		10 Mins	15 Mins	20 Mins	25 Mins	30 Mins	35 Mins	Sample Time
Parameter Flow Rate	0 Mins	0.3	0.3	0.3	0.3	25 Mins	30 Mins	35 Mins	•
Parameter Flow Rate Water Depth	<b>0 Mins</b>   0.3   ३५,।	0.3	0.3	0.3 以上o	0.3	25 Mins	30 Mins	35 Mins	•
Parameter Flow Rate Water Depth Temperature	0 Mins 0.3 34,1 11.0	0.3 24.1 11.05	0.3 94.1 11.35	0.3 Q件0 II.31	0.3	25 Mins	30 Mins	35 Mins	•
Parameter Flow Rate Water Depth Temperature pH	0 Mins 0.3 34.1 11.0 7.10	0.3 24.1 11.05 7.10	0.3 94.1 11.35 7.09	0.3 24.0 11.31 7.09	0.3 24.0 11.26 7.07	25 Mins	30 Mins	35 Mins	•
Parameter Flow Rate Water Depth Temperature	0 Mins 0.3 34.1 11.0 7.10 52.7	0.3 24.1 11.05 7.10 528	0.3 34.1 11.35 7.09 535	0.3 240 11.31 7.09 535	0.3 24.0 11.26 7.07 505	25 Mins	30 Mins	35 Mins	•
Parameter Flow Rate Water Depth Temperature pH Sp. Conductance	0 Mins 0.3 34.1 11.0 7.10	0.3 24.1 11.05 7.10	0.3 94.1 11.35 7.09	0.3 24.0 11.31 7.09	0.3 24.0 11.26 7.07	25 Mins	30 Mins	35 Mins	•
Parameter Flow Rate Water Depth Temperature pH Sp. Conductance DO Eh	0 Mins 0.3 34.1 11.0 7.10 52.7 1.98	0.3 24.1 11.05 7.10 528 1.60	0.3 34.1 11.35 7.09 535 1.70	0.3 240 11.71 7.09 535 1.88	0.3 24.0 11.26 7.01 505 1.62	25 Mins	30 Mins	35 Mins	Sample Time
Parameter Flow Rate Water Depth Temperature pH Sp. Conductance	0 Mins 0.3 34.1 11.0 7.10 52.7	0.3 24.1 11.05 7.10 528	0.3 34.1 11.35 7.09 535	0.3 240 11.31 7.09 535 1.88	0.3 24.0 11.26 7.07 505	25 Mins	30 Mins	35 Mins	•

GIOGIIGAAGICI IV	lonitori	ng Rec	ord (Mini	ımal Drawd	iown)	Ke	nnedy/J	lenks Co	nsultan
Date:	1	1/16/05			We	ell Number:			A Commence conscioned analysis and in the commence of the comm
Weather: Windy	1 , 2417	Chudy	3401	**************************************	– Mo	nument Typ		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	\$5000000000000000000000000000000000000
Project Name:						ell Diameter:	***		the comments are an area of the comments are a comment are
Project Number:						tal Casing D			2
Sampling Personnel	el:	mla	. rah	Sercial Services (1997)		reen Interval			
Water Level Indicate	or:	Solin	5+		Top	o of Casing I	Elevation:	445	59.05
Purging Method:					- De <sub>l</sub>	oth to Groun	-idwater:	8.20	70.00
Sampling Method:					– Gro	oundwater E	levation:	<u> </u>	20
Sampling Device:					- We	t Casing Vo	lume:	<del></del>	Accession to the second
Pump Intake Depth:						oth to NAPL:			
Water Disposal:		Drums	***************************************		 NA	PL Thicknes			***************************************
	Hard Comment of the State of th			anno het out and an		Gallons per	-		
Water Quality Mete	er(s)	Model	Calibratic	on Date/Tin		Gan <b>ons pe</b> r 2-inch = 0.1			-
Temperature:		SI Multi				2-inch = 0. f 6-inch = 1.4		*T*#10	U.UT y
рН		SI Multi	**	2500	<b>—</b>   [			Samples	·····
Eh:		SI Multi	-	**************************************	-    -	Туре			ple ID
Spec. Conductance:		SI Multi		Local beneated as	i	<b>i ype</b> Blind Duplica	-+0	~~	Die In
Dissolved Oxygen:		SI Multi		TOTAL GALLON		Bilna Duplica Trip Blank		With Batch	
Turbidity:		ach		The state of the s	I	т пр віапк Equipment E		With Batch None	
Other:		lon.	none	F		Equipment E Other		None None	***************************************
<b>-</b>			Sar	nple Conta Bottle 1 VOA		P	reservativ	/e   1	Number
VOC - EPA 524.2			Sar	Bottle 1		P	Preservativ HCL	/e	Number 3
STAM (13)	0 Mins	5 Mins	10 Mins	Bottle 7 VOA		s 25 Mins			
Parameter Flow Rate	0 Mins	0,3	10 Mins	Bottle T VOA	20 Mins	s 25 Mins	HCL		3 Sample
Parameter Flow Rate Water Depth	0 Mins	0.3	10 Mins 0.3 3.2	Bottle TVOA  15 Mins  0, 4 3, 22	20 Mins	s 25 Mins	HCL		3 Sample
Parameter Flow Rate Water Depth Temperature	0 Mins	0.3 8.2 9.%	10 Mins 0.3 3.2 9.17	15 Mins 0, 4 7, 10	20 Mins 0.4 8.3 9.%	s 25 Mins  0.4 8.2 9.97	HCL		3 Sample
Parameter Flow Rate Water Depth Temperature pH	0 Mins	0.3 8.2 3.98 7.19	10 Mins 0.3 3.2 9.17 7.23	15 Mins 0.4 8.22 1.10 7.24	20 Mins 0.4 8.2 9.% 7.02	s 25 Mins  0.4  8,2  9.91  7.21	HCL		3 Sample
Parameter Flow Rate Water Depth Temperature pH Sp. Conductance	0 Mins	0.3 8.2 3.98 7.19 347	10 Mins 0.3 9.2 9.11 7.23 330	15 Mins 0.4 8.22 1.10 7.24 358	20 Mins 0.4 8.3 9.45 7.02 35\$	s 25 Mins  D.4 8,2 9,97 7,21 358	HCL		3 Sample
Parameter Flow Rate Water Depth Temperature pH Sp. Conductance DO	0 Mins	0.3 8.2 9.98 7.19 347 3.02	10 Mins 0.3 3.2 9.17 7.23	15 Mins 0.4 8.22 1.10 7.24	20 Mins 0.4 8.2 9.% 7.02	s 25 Mins  0.4  8,2  9.91  7.21	HCL		3 Sample
Parameter Flow Rate Water Depth Temperature pH Sp. Conductance DO Eh	0 Mins	0.3 8.2 9.98 7.19 347 3.02 HISO	10 Mins 0.3 4.2 9.17 7.23 330 2.87	15 Mins 0.4 9.32 1.10 7.24 358 3.30	20 Mins 0.4 8.2 9.45 7.02 3.58 3.37	s 25 Mins  D.4  8,2  9.91  7.21  358  3.31	HCL		3 Sample
Parameter Flow Rate Water Depth Temperature pH Sp. Conductance DO Eh ORP	0 Mins	0.3 8.2 9.98 7.19 347 3.12 HISO	10 Mins 0.3 9.2 9.17 7.23 330 2.87	15 Mins 0,4 9,22 1,10 7,24 358 3,30	20 Mins 0.4 8.2 9.% 7.02 358 3.37	s 25 Mins  0.4 8,2 9.91 7.21 358 3.31	HCL		3 Sample
Parameter Flow Rate Water Depth Temperature pH Sp. Conductance DO Eh	0 Mins	0.3 8.2 9.98 7.19 347 3.02 HISO	10 Mins 0.3 4.2 9.17 7.23 330 2.87	15 Mins 0.4 9.32 1.10 7.24 358 3.30	20 Mins 0.4 8.2 9.45 7.02 3.58 3.37	s 25 Mins  D.4  8,2  9.91  7.21  358  3.31	HCL		3 Sample

Date:	1	1/16/05	The second secon		Wall	Munahari	00	^	STATE OF THE STATE
Date: Weather: Windy	. Ovi	11 16 103	2401				92-		
Project Name:							e: Abov		Color of the Color
Project Number:		050	16021 16				anth:		
Sampling Personne							epth:		
Water Level Indicat	/'· !or:		, rgn		_ Jule		: =lovotion		
Purging Method:					lob	b to Crown	Elevation:	440	51.29
Sampling Method:					_ Debi	n to Groun	dwater:	5,/D	
Sampling Device:				**************************************	_ GIOU	nawater El	levation:		
Pump Intake Denth	*	Diaduei	rump		Wet	casing voi	ume:		
Pump Intake Depth. Water Disposal:		Drume			Debr	I TO NAPL:			
vvater Disposar.		Diums					s:		
Water Quality Mete	or(o)	Model	Calibratio	on Date/Tir			Foot of W		•
Temperature:		SI Multi				inch = 0.10 inch = 1.44	6 gal/ft	4-inch =	0.64 gai
pH		SI Multi	11/16 (	1800		111C11 = 1.44			
Eh:		SI Multi	Allahahan and an				QA/QC S		5 0 000
Spec. Conductance		SI Multi		AMAZON CONTRACTOR CONT		/pe		Sam	ple ID
Dissolved Oxygen:		SI Multi				ind Duplica			
Turbidity:		ach				ip Blank		Vith Batch	~
Other:	1116	ICH		- de		quipment B		lone	
Other.		water the second	none			ther		lone	
		Volatification of the second o	Sai	mple Conta Bottle VOA		P	reservativ HCL	e   1	Number 3
			Sai	Bottle		P		e I	
VOC-EPA 8260 Start	1) = 5 2			Bottle VOA	Туре		HCL		3
VOC - EPA 8260  Start  Parameter	0 Mins	5 Mins		Bottle		P P		e I	
Start  Parameter Flow Rate		5 Mins		Bottle VOA	Туре		HCL		3 Sampl
Start Parameter Flow Rate Water Depth	0 Mins		10 Mins	Bottle VOA	20 Mins 0, 4 5, 79	25 Mins	HCL 30 Mins		3 Sampl
Start  Parameter Flow Rate Water Depth Femperature	0 Mins		10 Mins	Bottle VOA	20 Mins	25 Mins 0. 4	30 Mins		3 Sampl
Start  Parameter  Flow Rate  Water Depth  Temperature  DH	0 Mins	0.4 5.78 10.64 7.24	10 Mins 0.4 5.79 10.65 7.19	Bottle VOA	20 Mins 0, 4 5, 79	25 Mins 0. 4 5.79	30 Mins		3 Sampl
Start  Parameter  Flow Rate Water Depth Femperature  OH  Sp. Conductance	0 Mins	0.4 5.78 10.64	10 Mins 0.4 5.79	15 Mins 0.4 10.69	20 Mins 0, 4 5, 79 10, 75	25 Mins 0. 4 5.79	30 Mins 0.4 5.79 10.74		3 Sampl
Start  Start  Parameter  Flow Rate  Water Depth  Temperature  DH  Sp. Conductance	0 Mins	0.4 5.78 10.64 7.24	10 Mins 0.4 5.79 10.65 7.19	15 Mins  0.4 5.79 10.69 7.20	20 Mins 0, 4 5, 79 10, 75 7, 19	25 Mins 0. 4 5.79 16.79 7.18	30 Mins 0.4 5.79 10.74 7.18 517		3 Sampl
Parameter Flow Rate Water Depth Temperature oH Sp. Conductance DO **	0 Mins	0.4 5.78 10.64 7.24 +525	10 Mins 0.4 5.79 10.65 7.19 537	15 Mins  0.4  7.20 523	20 Mins 0, 4 5,79 10,75 7,19 504	25 Mins  0. 4 5.79 10.79 7.15 5.05	30 Mins 0.4 5.79 10.74 7.18		3 Sampl
Start  Start  Parameter  Flow Rate  Water Depth  Temperature  OH  Sp. Conductance	0 Mins	0.4 5.78 10.64 7.24 +525	10 Mins 0.4 5.79 10.65 7.19 5.37 5.38	15 Mins  1.5 Mins  0.4  5.79  10.69  7.30  5.33  7,49	20 Mins 0, 4 5,79 10,75 7,19 504	25 Mins  0. 4 5.79 10.79 7.15 5.05	30 Mins 0.4 5.79 10.74 7.18 517		3 Sampl

	The second secon	OF HEAT PROPERTY AND ADDRESS OF THE PARTY AND				Ке			/IISUIL
Date:	1	1/17/05			We	ll Number:_	L-	87-5	
Weather: <u> </u>					Moi	nument Typ	e: <u>Abo</u>	ve Ground	
Project Name:				1	We	ll Diameter:		2 inches	
Project Number:						al Casing Do			
Sampling Personnel		mlg,	, rgh		Scr	een Interval	• •	19 to	29
Water Level Indicate						of Casing E		With the last of t	98.47
Purging Method:			-	**CANONESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCESSOURCE	The same of the sa	th to Groun	#T09000maces		
Sampling Method:				**************************************	_ Gro	undwater El	levation:	To the state of th	
Sampling Device:		Peristal	tic Pump			Casing Vol			
Pump Intake Depth:		West transfer and the second s			_ Dep	th to NAPL:			
Water Disposal:		Drums		Terrenton on the control of the property of the control of the con	NAF	L Thicknes	s:		
	***************************************	William Control of the Control of th				Gallons per			g:
Water Quality Mete		Model	Calibration	on Date/Ti	me 2	?-inch = 0.16	6 gal/ft	4-inch =	0.64 g
Temperature:	Y	SI Multi	11/17/0	5 080	0, 6	6-inch = 1.44	4 gal/ft		
рН	Y	SI Multi	, , ,	-			QA/QC	Samples	
Eh:	YS	SI Multi			/  F	уре		Sam	ple ID
Spec. Conductance:	YS	SI Multi			7   E	Blind Duplica			-
Dissolved Oxygen:	YS	SI Multi	***************************************		——————————————————————————————————————	rip Blank		With Batch	)
Turbidity:	ha	ıch			T E	quipment B	llank	None	
Other:			none			ther		None	
			Sar	Bottle VOA		P	reservativ HCL	/e	Numbe 3
			Sar	Bottle '		P		/e	
VOC - EPA 8260 Start	D9[3 0 Mins	5 Mins	Sar 10 Mins	Bottle '					Samp
Start Parameter Flow Rate	0 Mins O.५८	0,45	10 Mins	Bottle VOA  15 Mins	Туре		HCL		Samp
Start Parameter Flow Rate Water Depth	0 Mins	0,45	10 Mins 0.45 23.80	Bottle VOA  15 Mins  0.45  23.80	20 Mins 0, リ 23.50	25 Mins	HCL		Samp
Parameter Flow Rate Water Depth Femperature	0 Mins O.५८	0,45	10 Mins	Bottle VOA  15 Mins	20 Mins 0, 4 23.80 (1.12	25 Mins	HCL		Samp
VOC - EPA 8260  Start  Parameter  Flow Rate  Water Depth  Temperature  OH	0 Mins O.५८	0,45	10 Mins 0.45 03.80 (1.13 6.87	15 Mins 0.45 23.80 11.21 6.96	20 Mins 0, 4 23.80 11.12 7.00	25 Mins	HCL		Samp
Parameter Flow Rate Vater Depth Emperature OH Sp. Conductance	0 Mins O.५८	0,45	10 Mins 0.45 23.50 (1.13 6.97 572	15 Mins 0.45 23.80 11.21 6.96 572	20 Mins 0, 4 23.80 11.12 7.00 567	25 Mins	HCL		Samp
Parameter Flow Rate Water Depth Femperature OH DD. Conductance	0 Mins O.५८	0,45	10 Mins 0.45 03.80 (1.13 6.87	15 Mins 0.45 23.80 11.21 6.96	20 Mins 0, 4 23.80 11.12 7.00	25 Mins	HCL		Samp
Analysis VOC - EPA 8260  Start  Parameter  Flow Rate Water Depth Femperature DH Sp. Conductance DO Eh	0 Mins O.५८	0.45 23.90 11.00 6.64 572	10 Mins 0.45 23.50 (1.13 6.97 572	15 Mins 0.45 23.80 11.21 6.96 572	20 Mins 0, 4 23.80 11.12 7.00 567	25 Mins	HCL		Samp Time
Parameter Flow Rate Water Depth Femperature OH DD. Conductance	0 Mins O.५८	0.45 23.90 11.00 6.64 572	10 Mins 0.45 23.50 (1.13 6.97 572	15 Mins 0.45 23.80 11.21 6.96 572 7.48	20 Mins 0, 4 23.80 11.12 7.00 567 7.48	25 Mins	HCL		Samp

Groundwater Me			-	(Minim	al Drawo	lown)		ŀ	(enned)	//Jei	nks Co	onsultar
Date:		11/17/05					Well	Number		90-3		
Weather: <u>รีบก</u> ก	<u> </u>	5°F				4252000			pe: B		COLUMN SECTION AND ASSESSMENT ASS	
Project Name:		BNSF	- Living	jston		*******	Well	Diamete	r:	2	inches	
Project Number:		05	96021.	16			Total	I Casing	Depth:		19.8	35
Sampling Personnel:	i esessimilarity communications con	mlç	g, rgh									35 to 19.8
Water Level Indicato									Elevation			
Purging Method:									ındwater:			
Sampling Method:	Province He Assessment	a	s above	€					- Elevation:			
Sampling Device:		Bladde	er Pump	)		Antiboo:	Wet	Casing V	olume:	etacourado apor		
Pump Intake Depth:							Deptl	h to NAP	L:	······································		
Water Disposal:		Drums		***************************************		Military of the Control of the Contr	NAPL	_ Thickne	ess:	THE PARTY NAMED IN	······	
						miterco			er Foot o			a:
Water Quality Meter	(s)	Model	Calib	ration	Date/Ti	me						ສ. : 0.64 gal/
Temperature:	Y	′SI Multi	TITE	7/05	080	nI		-inch = 1.				· gu.,
рH	Y	′SI Multi		100		$^{\prime}$ H		*****	QA/Q	C Sar	mples	
Eh:	Υ	'SI Multi					T	/pe		T		ple ID
Spec. Conductance:	Y	'SI Multi				$ \parallel$		ind Dupli	cate	-		P.O.10
Dissolved Oxygen:	Y	'SI Multi				$\dashv$		ip Blank		Wi	th Batch	)
Turbidity:	h	ach	MIN			+		quipment	Blank	No		*
Other:			no	one				ther		No		
	N	NATIONAL PROPERTY OF THE PARTY		Samr	vie Cont	ainer	e		**************************************	W. Harrison Constraints		
Analysis				Samp	ole Cont				Preserva	tive		Number
<b>Analysis</b> VOC - EPA 8260				Samp					Preserva HCL	tive		Number 3
				Samp	Bottle					tive		
				Samp	Bottle					tive		
				Samp	Bottle					tive		
				Samp	Bottle					tive		
				Samp	Bottle					tive		
				Samp	Bottle					tive		
				Samp	Bottle					tive		
	1008			Samp	Bottle					tive		
VOC - EPA 8260	100% 0 Mins	5 Mins	10 M		Bottle	Туре		25 Min:	HCL		B5 Mins	Sample
Start Parameter	0 Mins			lins 1	Bottle VOA	Type	Wins		HCL			3
Start Parameter			10 M	lins 1	Bottle VOA	Type	Wins		HCL			Sample
VOC - EPA 8260  Start  Parameter  Flow Rate	0 Mins	0,40	0.4	1ins 1	Bottle VOA	20 I	Mins 40		HCL			Sample
Sfact Parameter Flow Rate Water Depth	0 Mins	0.40	0.4	lins 1110 0	Bottle VOA	20 I	Mins 40		HCL			Sample
VOC - EPA 8260  S-fw-  Parameter  Flow Rate  Water Depth  Temperature	0 Mins	0.40	0.4	1ins 1 90 1 90 1	Bottle VOA	20 I	Mins 40 93		HCL			Sample
Sturt Parameter Flow Rate Water Depth Temperature DH	0 Mins	0.40 10.62 7.11 675	0.4	1ins 1	Bottle VOA 15 Mins 0.40 0.91 7.07	20 I	Wins 40 93 08		HCL			Sample
S-fact  Parameter  Flow Rate  Water Depth  Temperature  DH  Sp. Conductance	0 Mins	0.40	0.4	1ins 1	Bottle VOA	20 I	Mins 40 93		HCL			Sample
Start  Parameter  Flow Rate  Water Depth  Temperature  DH  Sp. Conductance  DO	0 Mins	0.40 10.62 7.11 675 4.63	0.4 7.11 67 3.	10 0 90 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Bottle VOA VOA 5 Mins 0.40 0.94 7.07 671 3.97	20 I	Wins 40 93 08 70 96		HCL			Sample
Parameter Flow Rate Water Depth Temperature DH Sp. Conductance DO Eh	0 Mins	0.40 10.62 7.11 675	0.4	1ins 1 90 1 90 1 90 1 90 1 90 1 90 1 90 1 9	Bottle VOA 15 Mins 0.40 0.91 7.07	20 I 10.1 10.1 3.1	Wins 40 93 08 70 96		HCL			Sample

Weather: Suny 37 of Calm Project Name: BNSF - Livingston Project Number: 0596021.16 Sampling Personnel: mlg, rgh Water Level Indicator: Geoffice Purging Method: Minimal Drawdown Sampling Method: as above Sampling Device: Bladder Pump Pump Intake Depth:	Well Dian Total Cas Screen In Top of Ca Depth to 0 Groundwa Wet Casir Depth to 1 NAPL Thic Gallor 2-inch 6-inch	nt Type: meter: sing Dep sterval: asing Ele Groundv ater Elev ng Volur NAPL: ckness: ns per F = 0.16 0 = 1.44 0	Abov  ith:  evation:  vater:  vation:  ne:  Goot of W  gal/ft	re Ground 2 inches 33.1 22.4 to 3 449 34. 79 34	5 33.15 94.94
Project Name: BNSF - Livingston V Project Number: 0596021.16 T Sampling Personnel: mlg, rgh S Water Level Indicator: George T Purging Method: Minimal Drawdown Sampling Method: as above Sampling Device: Bladder Pump V Pump Intake Depth: Drums N  Water Quality Meter(s) Model Calibration Date/Time Temperature: YSI Multi 11 17 55 05 05 05 05 05 05 05 05 05 05 05 05	Well Dian Total Cas Screen In Top of Ca Depth to 0 Groundwa Wet Casir Depth to N NAPL Thic Gallor 2-inch 6-inch	meter: sing Dep aterval: asing Ele Groundv ater Elev ng Volur NAPL: ckness: ns per F = 0.16 g = 1.44 g	evation: _ water: vation: _ ne:  foot of W gal/ft	2 inches 33.1 22.4 to 3 449 34. 79 34	5 33.15 94.94
Project Name: BNSF - Livingston V Project Number: 0596021.16 T Sampling Personnel: mlg, rgh S Water Level Indicator: George T Purging Method: Minimal Drawdown Sampling Method: as above Sampling Device: Bladder Pump V Pump Intake Depth: Drums N  Water Quality Meter(s) Model Calibration Date/Time Temperature: YSI Multi 11 17 55 05 05 05 05 05 05 05 05 05 05 05 05	Total Cas Screen In Top of Ca Depth to 0 Groundwa Wet Casir Depth to 1 NAPL Thir Callor 2-inch 6-inch	sing Depoterval:  asing Electronic Electroni	evation:	33.1 22.4 to 3 449 34. 29 34	33.15 94.94
Project Number: 0596021.16 T Sampling Personnel: mlg, rgh Water Level Indicator: Geoff L Purging Method: Minimal Drawdown Sampling Method: as above Sampling Device: Bladder Pump Pump Intake Depth: Drums  Water Quality Meter(s) Model Calibration Date/Time Temperature: YSI Multi Eh: YSI Multi Spec. Conductance: YSI Multi Signature: YSI Multi Spec. Conductance: YSI Multi	Total Cas Screen In Top of Ca Depth to 0 Groundwa Wet Casir Depth to 1 NAPL Thir Callor 2-inch 6-inch	sing Depoterval:  asing Electronic Electroni	evation:	33.1 22.4 to 3 449 34. 29 34	33.15 94.94
Sampling Personnel: mlg, rgh  Water Level Indicator: Georgia T  Purging Method: Minimal Drawdown  Sampling Method: as above  Sampling Device: Bladder Pump  Pump Intake Depth: Drums  Water Disposal: Drums  Water Quality Meter(s) Model Calibration Date/Time  Temperature: YSI Multi  Eh: YSI Multi  Spec. Conductance: YSI Multi  YSI Multi  YSI Multi  YSI Multi	Screen In Top of Ca Depth to 0 Groundwa Wet Casir Depth to 1 NAPL Thic Gallor 2-inch 6-inch	asing Electric Electr	evation: vater: /ation: me:  foot of W gal/ft	22.4 to 3 449 3-4. 79 3-4	33.15 94.94
Water Level Indicator:  Purging Method:  Sampling Method:  Sampling Device:  Bladder Pump  Pump Intake Depth:  Water Disposal:  Drums  Water Quality Meter(s)  Temperature:  pH  YSI Multi Eh:  Spec. Conductance:  YSI Multi	Top of Ca Depth to 0 Groundwa Wet Casin Depth to 1 NAPL Thi Gallor 2-inch 6-inch	asing Ele Groundv ater Elev ng Volur NAPL: _ ckness: ns per F = 0.16 g = 1.44 g	evation: _ water:_ /ation: _ me:  foot of W gal/ft	449	94.94
Purging Method: Minimal Drawdown Sampling Method: as above Sampling Device: Bladder Pump Water Disposal: Drums  Water Quality Meter(s) Model Calibration Date/Time Temperature: YSI Multi Fh: YSI Multi Spec. Conductance: YSI Multi Sampling Method: as above Calibration Date/Time	Depth to 0 Groundwa Wet Casir Depth to 1 NAPL Thi Gallor 2-inch 6-inch	Groundvater Elevang Volur NAPL: _ ckness: ns per F = 0.16 0 = 1.44 0	vater: /ation: me:  Foot of W gal/ft	34. 78	
Sampling Method: as above  Sampling Device: Bladder Pump  Pump Intake Depth:  Water Disposal: Drums  Water Quality Meter(s) Model Calibration Date/Time  Temperature: YSI Multi  PH  YSI Multi Spec. Conductance: YSI Multi  YSI Multi  YSI Multi	Groundwa Wet Casir Depth to N NAPL Thin Gallor 2-inch 6-inch	ater Elev ng Volur NAPL: _ ckness: ns per F = 0.16 q = 1.44 q	vation: me:  Foot of W gal/ft	ell Casing	
Sampling Device: Bladder Pump Water Disposal: Drums Now Water Quality Meter(s) Model Calibration Date/Time  Temperature: YSI Multi 11/7 55 05 05 06 05 05 05 05 05 05 05 05 05 05 05 05 05	Wet Casir Depth to NAPL Thic Gallor 2-inch 6-inch	ng Volur NAPL: _ ckness: ns per F = 0.16 g = 1.44 g	ne:  oot of W gal/ft	/ell Casing	
Pump Intake Depth:  Water Disposal:  Drums  Note: Drums  Water Quality Meter(s)  Temperature:  PH  YSI Multi  YSI Multi  Spec. Conductance:  YSI Multi  YSI Multi  YSI Multi  YSI Multi	Depth to NAPL Thic Gallor 2-inch 6-inch	NAPL: _ckness: ns per F = 0.16 g = 1.44 g	oot of W	/ell Casing	
Water Quality Meter(s) Model Calibration Date/Time  Temperature: YSI Multi PH: YSI Multi Spec. Conductance: YSI Multi	NAPL Thio Gallor 2-inch 6-inch	ckness: ns per F = 0.16 g = 1.44 g	<b></b> <b>oot of W</b> gal/ft	ell Casing	indian supplementation and the
Water Quality Meter(s)ModelCalibration Date/TimeTemperature:YSI Multi11 17 25 05 05 05 05 05 05 05 05 05 05 05 05 05	Gallor 2-inch 6-inch	n <b>s per F</b> = 0.16 g = 1.44 g	i <b>oot of W</b> gal/ft	ell Casing	1:
Temperature:  PH  YSI Multi YSI Multi Eh:  YSI Multi YSI Multi YSI Multi YSI Multi	6-inch	= 1.44 (		4-inch -	,
PH YSI Multi Eh: YSI Multi Spec. Conductance: YSI Multi			nal/ft		0.64 gal/
PH YSI Multi Eh: YSI Multi Spec. Conductance: YSI Multi			,		
Spec. Conductance: YSI Multi	Туре	(	QA/QC S	amples	
	l			Samı	ole ID
Dissolved Ovigon: VCI Multi	Blind D	Ouplicate	<b>)</b>		***************************************
	Trip Bla	ank	V	Vith Batch	PT-AAAAAAAAA
Turbidity: hach	Equipn	nent Bla	nk N	lone	
Other: none	Other		N	lone	
Swt 113				I	
Parameter 0 Mins 5 Mins 10 Mins 15 Mins 20 Mi	lins 25	Mins 3	30 Mins	35 Mins	Sample Time
Flow Rate 0.30 0.3 0.3 0.3 0.3	,				Authorities de la companya del companya de la companya de la companya del companya de la companya del la companya de la compan
Nater Depth 그니.77					
Temperature 11.15 11.11 11.44 11.7	73				
0H 699 6.95 6.95 6.95	99				
Sp. Conductance 617 610 655 609	9				
2.36 2.12 160 1.40					
			8	<del> </del>	
2.36 2.12 160 1.40					

				(Minimal	Drawdov	/n)		Ke	nnedy/J	enks	Consulta
Date:	•	11/17/05	***************************************			Wel	II Num	ber:	89	-8	The state of the s
Weather:	ndoors	***************************************		Management of the second		Mor	numen	t Typ	e: <u>Belo</u>	w Grou	ınd
Project Name:		BNSF	- Living	gston							
Project Number:						Tota	al Casi	ing De	epth:		25.5
Sampling Personne	el:	ml	g, rgh								
Water Level Indicate	or:	<u>Solin</u>	st			Тор	of Ca	sing E	Elevation:	no	t measured
Purging Method:		Minima	Drawd	lown					dwater:		
Sampling Method:	***************************************	a	s above	<del>)</del>	-						
Sampling Device:		Perista	altic Pur	mp		Wet	Casin	g Vol	ume:		
Pump Intake Depth:		<u> </u>				Dep	th to N	IAPL:			
Water Disposal:						NAP	L Thic	knes	s:		
			****			_ 0			Foot of V		
Water Quality Mete		Model			ate/Time						h = 0.64 ga
Temperature:	Y	'SI Multi	0800	11/17	1/05	6	i-inch :		l gal/ft		
pH		'SI Multi	1	\					QA/QC S	Sample	s
Eh:		SI Multi	~~~	\		T	уре				ample ID
Spec. Conductance:		SI Multi		1/,		В	llind D	uplica	ite		
Dissolved Oxygen:	Y	SI Multi		<u> </u>		] [T	rip Bla	ınk	\	With Ba	atch
Turbidity:	h	ach		<i>K</i>		E	quipm	ent B	lank 1	Vone	
Other:			no	ne		_ C	ther		ı	Vone	
		<del></del>	······································	Sample	Contain	are			· · · · · · · · · · · · · · · · · · ·	<del></del>	
Analysis					Bottle Ty		T	Pı	eservativ	a T	Number
	***************************************				······································		-+		COCIVALIV		MUNIOCI
Methane, Ethane, Ethe DOC - EPA 415.1	ene - RSK	175		*	100				V-1		
100 CER 415 1					VOA Ambar				HCL .		3
DOG - EFA 415.1					Amber			unp	HCL reserved		3
DOG - EFA 415.1								unp			
DOO - EFA 413.1								unp			
DOO - EFA 415.1								unp			
DOO - EFA 413.1								unp			
DOO - EFA 415.1								unp			
			122	1 L	Amber	o II-:		unp			
Start 1	324		[33	1 L	Amber	344		unp			1
Start 1		5 Mins	$T^{\leftarrow}$	1 L	Amber	3 <b>4</b> 4	25 N			35 Mi	1 Sampl
	324		$T^{\leftarrow}$	1 L	Amber  /3 Mins 20	- nogli	25 N		reserved	35 Mi	1 Committee
<i>Start</i> ) Parameter	324	5 Mins	10 N	1 L 1 lins   15	Amber  //3  Mins 20	Mins	25 N		reserved	35 Mi	1 Sampl
Start ) Parameter Flow Rate  Water Depth	324	5 Mins	10 N	1 L  1 Iins 15	Amber  //3  Mins 20	Mins ). Y 100			reserved	35 MI	1 Sampl
Start ) Parameter Flow Rate  Water Depth Temperature	324	5 Mins	10 N	1 L 1 lins   15	Amber  //3  Mins 20	Mins			reserved	35 Mi	1 Sampl
Start )  Parameter  Flow Rate  Water Depth  Temperature pH	324	5 Mins 0.4 19.00	10 N	1 L  lins 15  9 0. 19 67 12 85 7.	Mins 20	Mins 1-9 1-0 2.67			reserved	35 Mi	1 Sampl
Start 1 Parameter Flow Rate	324	5 Mins 0.4 19.00 12.53 7.38	10 N 0. 19. 12.	1 L  1 ins 15  1 0 19  1 7  1 7	/3 Mins 20 . 4 (2 . 50 )	) Mins 1.9 1.67 2.67 7.31			reserved	35 Mi	1 Sampl
Start 1  Parameter  Flow Rate  Water Depth  Temperature pH  Sp. Conductance	324	5 Mins 0.4 19.00 12.53 7.38	10 N 0. 19. 12. 7.3 741	1 L  1 ins 15  1 0 19  1 7  1 7	Mins 20	Mins 1-9 1-0 2.67			reserved	35 Mi	1 Sampl
Start )  Parameter  Flow Rate  Water Depth  Temperature pH  Sp. Conductance	324	5 Mins 0.4 19.00 12.58 7.38 740 2.61	10 N 0. 19. 12. 7.3 741 2.9	1 L  1 lins 15  1 0   9  1 7   12  3 7   7   7   7   7   7   3   7   7   7	Mins 20 . 4 ( . 20 ) . 4 ( . 31 ) . 12 ]	Mins 1.9 2.67 7.31 42			reserved	35 Mi	1 Sampl
Start )  Parameter  Flow Rate  Water Depth  Temperature  pH  Sp. Conductance  DO  Eh	324	5 Mins 0.4 19.00 12.53 7.38	10 N 0. 19. 12. 7.3 741 2.9	1 L  1 lins   15  1 0   19  1 7   12  3 7   7   7   7   7   7   7   7   7   7	Mins 20 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Mins 1.9 2.67 7.31 42			reserved	35 Mi	1 Sampl

The state of the s	A THE RESERVE OF THE PARTY OF T		COLUMN TO SERVICE AND ADDRESS OF THE PARTY O	(Minimal Drawdo	wn)	K	ennedy/.	Jenks C	onsultan	
Date:		ś	SOURCE CONTRACTOR OF THE PARTY	Annual and the second sec	Well	CONTRACTOR OF THE PARTY OF THE	89	PERSONAL PROPERTY AND ADDRESS OF THE PERSON		
Weather:		<u>inde</u>	oors				e: Belo	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	<u> </u>	
Project Name:		BNSF		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME						
Project Number:	CONTRACTOR	05	96021.1				epth:			
Sampling Personr	nel:	ml	g, rgh		Scree	en Interval	l:	24	4.2 to 34.2	
Water Level Indic	ator:	5	plinst		Тор о	of Casing I	Elevation:	44	496.41	
Purging Method:		Minima	l Drawdo	own	Depth	Depth to Groundwater: 20,39				
Sampling Method:	oling Method: as abo			The same of the sa	Grour	ndwater E	levation:			
Sampling Device:		Bladde	er Pump		Wet C	Casing Vol	lume:			
Pump Intake Dept	:h:	Warning and the same of the sa								
Water Disposal:	Alebonia menancia del constitución de la constitución de la constitución de la constitución de la constitución	Drums	r		NAPL	. Thicknes	S:		where the same of	
			-		Ga		the state of the s	Vell Casir	10:	
Water Quality Me		Model		ation Date/Tim	<b>e</b> 2-ir	= 0.04  gal/m				
Temperature:		YSI Multi	11/17	05 0800	6-ir	nch = 1.44	4 gal/ft		· · · · ·	
pH		YSI Multi					QA/QC S	Samples		
Eh:		YSI Multi			Тур	pe	1		nple ID	
Spec. Conductance		YSI Multi			— I	nd Duplica			ipio	
Dissolved Oxygen:		YSI Multi				p Blank		With Batch	n	
Turbidity:	r	nach		Marie Control of the		uipment B	:	None		
Other:			non	ne	Oth			Vone		
								10	AR AND THE REPORT OF THE PARTY	
Analysis				Sample Contain						
VOC - EPA 8260	male in the second seco			Bottle Ty VOA	<sub>′</sub> ре	NAME OF TAXABLE PARTY.	reservativ	e	Number	
				1/1 1/4		h	1101			
				VOA	Ann		HCL		3	
				VOA			HCL		3	
				VOA			HCL		3	
				VOA			HCL		3	
				VOA			HCL		3	
				VOA			HCL		3	
				VOA			HCL		3	
				VOA			HCL		3	
	1414		142		434		HCL		3	
'arameter	414   0 Mins	5 Mins		4 1		25 Mins	30 Mins	35 Mins	Sample	
		5 Mins		უ / ns 15 Mins 2				35 Mins		
Parameter Flow Rate Water Depth	0 Mins	0.4	10 Min	9 / ns 15 Mins 2				35 Mins	Sample	
Flow Rate	0 Mins	0.4	10 Min	9 / ns 15 Mins 2 0. 9 9 20.39				35 Mins	Sample	
Flow Rate Water Depth	0 Mins	0.4	10 Min	9 / ns 15 Mins 2 0. 9 9 20.39				35 Mins	Sample	
Flow Rate Water Depth Femperature	0 Mins	0.4	10 Min	9 15 Mins 2 10. 9 9 20.39 1 11.57				35 Mins	Sample	
Flow Rate Water Depth Femperature OH	0 Mins	0.4 20.29 11.81 7.26 554	10 Min	9 / ns 15 Mins 2 0. 9 9 20.39				35 Mins	Sample	
Flow Rate  Vater Depth  Femperature  OH  Sp. Conductance  OO	0 Mins	0.4 20.29 11.81 7.26 554 2.08	10 Min 0.4 20.26 11.59 7.25 554 2.21	9 15 Mins 2 10. 9 10. 9 11.57 12.30				35 Mins	Sample	
Flow Rate Water Depth Femperature oH Sp. Conductance	0 Mins	0.4 20.29 11.81 7.26 554	10 Min	9 15 Mins 2 10. 9 10. 9 11.57 12.30				35 Mins	Sample	
Flow Rate Water Depth Femperature OH Sp. Conductance OO	0 Mins	0.4 20.29 11.81 7.26 554 2.08	10 Min 0.4 20.26 11.59 7.25 554 2.21	9 15 Mins 2 10. 9 10. 9 11.57 12.30				35 Mins	Sample	

	AN HOMEST SHOWN THE A							SALAN SA				
Groundwater Mo	THE RESIDENCE OF THE PARTY OF T	The second second second second second	TO CHILD THE PARTY OF THE PARTY	(Min	imal Draw	down)	)		Κε	ennedy/J	lenks C	onsultar
	11/17/05						Well Number: 89-3					
Weather:			***************************************	A STATE OF THE PARTY OF THE PAR					District Co.	e: Belo	THE RESERVE OF THE PARTY OF THE	(
	BNSF - Livingston					-						
Project Number:	0596021.16					- Marian				epth:		THE RESERVE THE PERSON NAMED IN
Sampling Personnel:	nnel: mlg, rgh											
Water Level Indicator	or:		z/in	<u>ist</u>	st			p of Ca	asing E	Elevation:	44	496.1
Purging Method:		Minimal	ıl Draw	wdown			Dep	pth to G	Groun	ndwater:	18.12	
		as					Gro	oundwa	ater El	levation:		And the second section of the section o
Sampling Device:		Bladde	er Pum	mp			Wet	et Casin	ng Vol	lume:		
Pump Intake Depth:_							Dep	oth to N	VAPL:	And the Communication      And the Communication of the Communicat		
Water Disposal:		Drums	,				NAF	PL Thic	cknes	SS:		
				NOTIFICATION AND ADDRESS OF THE PARTY OF THE						r Foot of W		ากะ
Water Quality Meter(		Model			on Date/Ti					6 gal/ft		
Temperature:		YSI Multi		7/05	Office	7/				4 gal/ft		
рН		YSI Multi		**		Andrew Control		Array Marianian Company		QA/QC S	amples	<del></del>
Eh:		YSI Multi	1			7	, F	Туре				nple ID
Spec. Conductance:	1	YSI Multi				-	<u> </u> -			ate	MW-200	
Dissolved Oxygen:		YSI Multi	1				· -	Trip Bla			With Batch	
Turbidity:	r	hach	·			$\vdash$	<b> </b>	Equipm			None	
Other:	I		r	none				Other			None	
											10110	
				San	mple Conta							
Analysis					Bottle	Туре	)		P	reservativ	/e	Number
VOC - EPA 8260		0800		<del>-</del>	VOA		0000ma			HCL		3
Ms/ms D		<u> </u>			A	-	***************************************					3
				<i></i>					-			
	***************************************											
											****	
				1	-		***************************************					
				-								
	1615	1620	11.	75	1630	163						
	0 Mins			Mins	15 Mins		<u>&gt; }</u> Mins		Mins	30 Mins	35 Mins	Sample
Flow Rate	0.4	0.4	0.		0.4	0.1	TO A PRODUCE TO A PARTY OF THE	1	2000		70	Time
Water Depth	V-1	TA:12		8.13	15.13							
Temperature		10.12		13		116.	5					
pH		11.13			7.31	11.1	<u> </u>					
Sp. Conductance		1/107		.3c	1.51 547	13	19_	SCOLUMN TO THE SCOLUM		j	<u> </u>	
DO		154/	154	·		54		A STATE OF THE STA		ļ		
Eh		11.16	2.5	07	2.22	2.2	<u>v</u>				<u> </u>	
ORP		1:10-7		-a a	- i. and i.e. i	-	~~~A				<u> </u>	37
		1180.2		78.8	4784	+17	7_					
Turbidity Collect MS	7	116·Z	عبد	سال.	13.6	<u></u>	- Marine Mari			~		
	S and M			#*************************************	*	***************************************					49000 market	Station
— SATTIF	TITLE	417										

				imal Drawd		Ke	nnedy/J	lenks C	<u>onsulta</u>	
Date:	1	1/18/05			Well	Number:	92	-1		
Weather: Wind	7 CVE	acat	33°f	(C)	Mon	ument Type	e:Abo	ve Ground	d	
Project Name:		BNSF -	Livingstor	1		Diameter:	400-2400	2 inches		
Project Number:						Casing De				
Sampling Personne					Scre	en Interval:				
Water Level Indica						of Casing E	Elevation:	44	198.51	
Purging Method:					Dept	n to Groun	dwater:	23,11		
Sampling Method: as a					Grou	ndwater El	evation:			
Sampling Device: Bladder			Pump		Wet	Casing Vol	ume:			
Pump Intake Depth	):									
Water Disposal:		Drums			NAPI	Depth to NAPL:  NAPL Thickness:				
					G	allons per			ng:	
Water Quality Met				on Date/Tir	ne 2-	inch = 0.16				
Temperature:	Y:	SI Multi	11 18 6	5 05c	6-	inch = 1.44	4 gal/ft			
pН	Y:	SI Multi	-		1000 PA 1000 PA		QA/QC S	Samples		
Eh:	Υ:	SI Multi				/pe			nple ID	
Spec. Conductance	e: Y	SI Multi	· · · · · · · · · · · · · · · · · · ·		ВІ	ind Duplica				
Dissolved Oxygen:	Y	SI Multi				ip Blank		With Batc	h	
Turbidity:	ha	ach		A CONTRACTOR OF THE PARTY OF TH		Juipment B		None		
Other:			none			Other		None		
<del>_</del>			Sai	mple Conta Bottle VOA		P	reservativ HCL	/e	Number 3	
<del>.</del> <del>.</del>			Sai	Bottle '		P		/e		
VOC - EPA 8260	08-17		0357	Bottle VOA	Туре		HCL		3	
Parameter	0 Mins	5 Mins	0357 10 Mins	Bottle VOA	Type  20 Mins	P P			3 Samp	
Parameter Flow Rate	0 Mins	0.4	0357 10 Mins	Bottle VOA  15 Mins	20 Mins		HCL		3 Samp	
Parameter Flow Rate Water Depth	0 Mins		0357 10 Mins 0, 4 23.12	Hottle VOA	20 Mins 0.4 23.12		HCL		3 Samp	
Parameter Flow Rate Water Depth Femperature	0 Mins	0.4	0357 10 Mins 0, 4 23.12 10.18	15 Mins  0.4  33-12	20 Mins 0.4 23.17		HCL		3 Samp	
Parameter Flow Rate Water Depth Cemperature	0 Mins	0.4	0357 10 Mins 0, 4 23.12 10.18 7.00	15 Mins    0.4	20 Mins 0.4 23.17 11.44 7.04		HCL		3 Samp	
Parameter Flow Rate Water Depth Temperature DH Sp. Conductance	0 Mins	0.4 23.11 11.29 6.92 650	0857 10 Mins 0.4 23.12 10.18 7.00 653	15 Mins  0.4  33.12 11.06 7.03	20 Mins 0.4 23.17 11.44 7.04		HCL		3 Samp	
Parameter Flow Rate Water Depth Femperature DH Sp. Conductance	0 Mins	0.4	0357 10 Mins 0, 4 23.12 10.18 7.00	15 Mins    0.4	20 Mins 0.4 23.17 11.44 7.04		HCL		3 Samp	
Parameter Flow Rate Water Depth Temperature bH Sp. Conductance DO Eh	0 Mins	0.4 23.11 11.29 6.92 650 6.15	0357 10 Mins 0, 4 23.12 10.18 7.00 653 6.19	15 Mins  0.4  33.12 11.06 7.03 648 6.52	20 Mins 0.4 23.17 11.44 7.04 6.85		HCL		3 Samp	
Analysis VOC - EPA 8260  Parameter Flow Rate Water Depth Temperature oH Sp. Conductance DO Eh DRP Furbidity	0 Mins	0.4 23.11 11.29 6.92 650	0857 10 Mins 0.4 23.12 10.18 7.00 653	15 Mins  0.4  33.12 11.06 7.03	20 Mins 0.4 23.17 11.44 7.04		HCL			

## Kennedy/Jenks Consultants 21 First Street NW Choteau, Montana 59422 406-466-5930

## Receipt for Samples

On behalf of BNSF Railway Company, Kennedy/Jenks Consultants is acquiring the sample(s) listed below in accordance with Burlington Northern Livingston Shop Complex Statement of Work. This work is being conducted as part of the remedial design/remedial action (RD/RA) activities at the Burlington Northern Livingston Shop Complex Facility in Livingston, Montana, which is being performed in accordance with Montana's Comprehensive Environmental Responsibility and Cleanup Act (CERCA).

Name	operty Sampled_	408 N. K St.	
The following samples		om this property:	
Date 11/18/05	Media wyter	Sample ID Number 408 N K. St (IAMRO3)	Analysis to be Preformed VOC 3240 5240
		en collected in accordance we following variations from the home	
	erator was offered perty owner/opera	I a portion of the sample take ator elected to:	
The Montana Departme	ent of Environmen when they becon	ntal Quality (DEQ) will mail the ne available. The DEQ proje	
Copy of this receipt is p		,	
KJ Representative:		Mattho	nh. Gibsac
Signature		Printed Name	
Date: 11/18/05	**Consectors recovery		

Property Owner/Operator Information